

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY022820\
 Data File : VY001792.D
 Acq On : 28 Feb 2020 09:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 28 12:48:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	174596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	311078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	276850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	130812	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	97792	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
35) Dibromofluoromethane	7.75	113	91089	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	10.20	98	385060	55.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.32%	
62) 4-Bromofluorobenzene	12.50	95	138635	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.92	85	87113	51.19	ug/l	98
3) Chloromethane	2.13	50	109971	48.04	ug/l	98
4) Vinyl Chloride	2.27	62	111029	48.09	ug/l	99
5) Bromomethane	2.67	94	70316	48.73	ug/l	100
6) Chloroethane	2.82	64	68932	48.45	ug/l	100
7) Trichlorofluoromethane	3.15	101	152535	51.62	ug/l	98
8) Diethyl Ether	3.56	74	60256	51.72	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.94	101	97292	52.38	ug/l	98
10) Methyl Iodide	4.13	142	117714	51.78	ug/l	99
11) Tert butyl alcohol	5.00	59	51012	232.72	ug/l	98
12) 1,1-Dichloroethene	3.90	96	96168	50.76	ug/l	97
13) Acrolein	3.76	56	44886	236.65	ug/l	100
14) Allyl chloride	4.52	41	173555	51.48	ug/l	99
15) Acrylonitrile	5.21	53	161652	270.72	ug/l	100
16) Acetone	3.98	43	185909	286.09	ug/l	98
17) Carbon Disulfide	4.23	76	299973	47.43	ug/l	99
18) Methyl Acetate	4.52	43	73904	52.22	ug/l	98
19) Methyl tert-butyl Ether	5.26	73	267994	50.81	ug/l	98
20) Methylene Chloride	4.76	84	110473	47.86	ug/l	98
21) trans-1,2-Dichloroethene	5.26	96	107941	49.94	ug/l	98
22) Diisopropyl ether	6.16	45	355224	51.31	ug/l	96
23) Vinyl Acetate	6.10	43	1170779	259.23	ug/l	99
24) 1,1-Dichloroethane	6.06	63	191868	51.85	ug/l	99
25) 2-Butanone	7.02	43	245316	277.90	ug/l	100
26) 2,2-Dichloropropane	7.02	77	162250	50.39	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	121792	51.05	ug/l	100
28) Bromochloromethane	7.37	49	87638	56.85	ug/l	98
29) Tetrahydrofuran	7.38	42	136778	256.35	ug/l	100
30) Chloroform	7.54	83	182315	50.42	ug/l	99
31) Cyclohexane	7.82	56	188885	47.87	ug/l	99
32) 1,1,1-Trichloroethane	7.74	97	154501	50.84	ug/l	99
36) 1,1-Dichloropropene	7.95	75	151586	51.02	ug/l	99
37) Ethyl Acetate	7.11	43	90715	51.15	ug/l	99
38) Carbon Tetrachloride	7.93	117	134247	51.44	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	193295	49.03	ug/l	98
40) Benzene	8.19	78	451598	51.68	ug/l	99
41) Methacrylonitrile	7.37	41	123837	139.07	ug/l #	31
42) 1,2-Dichloroethane	8.26	62	118366	49.72	ug/l	99
43) Isopropyl Acetate	8.30	43	173847	51.66	ug/l	99
44) Trichloroethene	8.96	130	109988	50.42	ug/l	98
45) 1,2-Dichloropropane	9.24	63	116598	53.28	ug/l	99
46) Dibromomethane	9.33	93	59152	51.67	ug/l	99
47) Bromodichloromethane	9.52	83	142470	51.57	ug/l	96
48) Methyl methacrylate	9.32	41	77359	50.83	ug/l	98
49) 1,4-Dioxane	9.32	88	15735	973.22	ug/l	92
51) 4-Methyl-2-Pentanone	10.09	43	455403	263.41	ug/l	100
52) Toluene	10.26	92	278591	51.11	ug/l	98
53) t-1,3-Dichloropropene	10.49	75	158320	51.84	ug/l	98
54) cis-1,3-Dichloropropene	9.95	75	181502	51.63	ug/l	97
55) 1,1,2-Trichloroethane	10.66	97	88368	52.35	ug/l	99
56) Ethyl methacrylate	10.53	69	133264	52.63	ug/l	99
57) 1,3-Dichloropropane	10.81	76	155977	52.01	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	227293	237.74	ug/l	99
59) 2-Hexanone	10.85	43	355099	273.74	ug/l	100
60) Dibromochloromethane	11.00	129	95749	51.45	ug/l	99
61) 1,2-Dibromoethane	11.11	107	84468	52.93	ug/l	99
64) Tetrachloroethene	10.74	164	88439	50.89	ug/l	97
65) Chlorobenzene	11.53	112	287933	52.09	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.61	131	97252	52.16	ug/l	99
67) Ethyl Benzene	11.61	91	535947	52.25	ug/l	100
68) m/p-Xylenes	11.72	106	397988	103.87	ug/l	99
69) o-Xylene	12.05	106	188307	51.69	ug/l	98
70) Styrene	12.06	104	330614	52.22	ug/l	99
71) Bromoform	12.22	173	56231	52.77	ug/l #	98
73) Isopropylbenzene	12.35	105	507350	50.91	ug/l	100
74) N-amyl acetate	12.16	43	159668	50.20	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.60	83	113827	53.49	ug/l	99
76) 1,2,3-Trichloropropane	12.65	75	146305	97.50	ug/l #	100
77) Bromobenzene	12.63	156	110654	51.22	ug/l	96
78) n-propylbenzene	12.69	91	630095	51.91	ug/l	100
79) 2-Chlorotoluene	12.77	91	348098	51.14	ug/l	98
80) 1,3,5-Trimethylbenzene	12.83	105	423144	51.29	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	43149	54.55	ug/l	97
82) 4-Chlorotoluene	12.87	91	366259	51.01	ug/l	99
83) tert-Butylbenzene	13.09	119	349466	50.65	ug/l	99
84) 1,2,4-Trimethylbenzene	13.14	105	422844	51.41	ug/l	100
85) sec-Butylbenzene	13.27	105	520158	51.26	ug/l	100
86) p-Isopropyltoluene	13.38	119	447753	50.79	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	211555	50.49	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	214112	50.56	ug/l	99
89) n-Butylbenzene	13.71	91	460874	51.17	ug/l	100
90) Hexachloroethane	13.98	117	85180	51.29	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	195441	50.55	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.38	75	17535	49.93	ug/l	98

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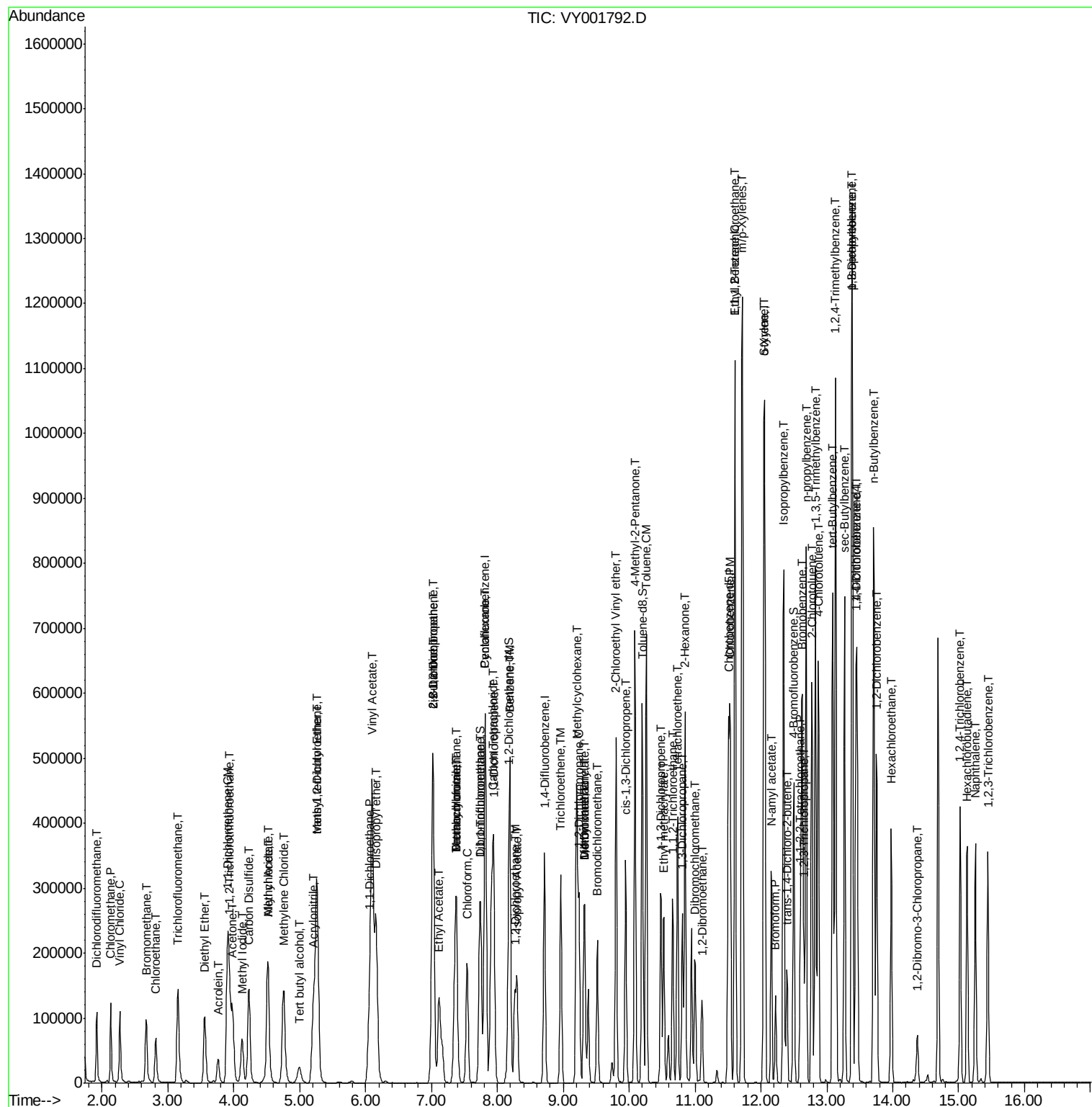
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.03	180	127419	49.73	ug/l	99
94) Hexachlorobutadiene	15.13	225	61360	48.15	ug/l	99
95) Naphthalene	15.25	128	301273	51.00	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	110825	49.16	ug/l	98

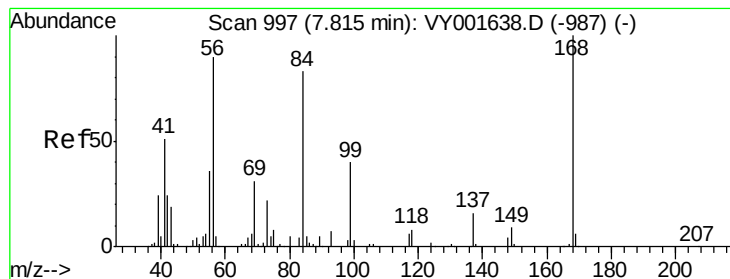
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Instrument :

MSVOA_Y

ClientSampleId :

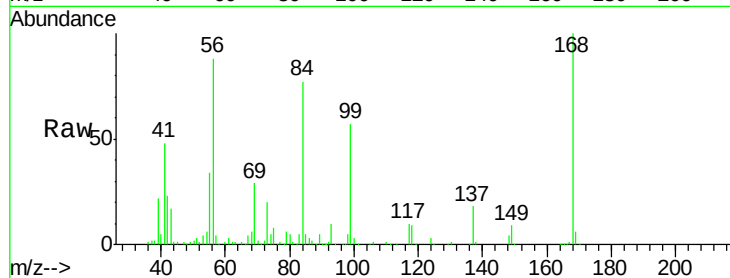
VSTDCCC050

Tgt Ion:168 Resp: 174596

Ion Ratio Lower Upper

168 100

99 57.2 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001792.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001792.D (-948) (-)

7.82

80000

60000

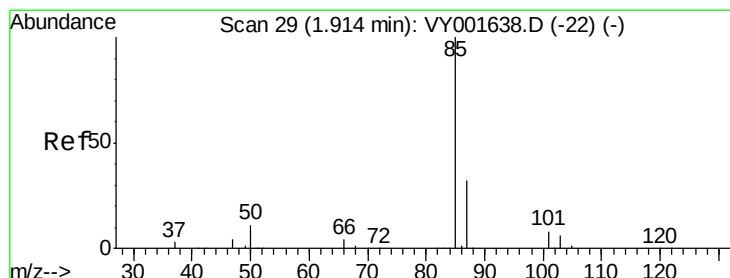
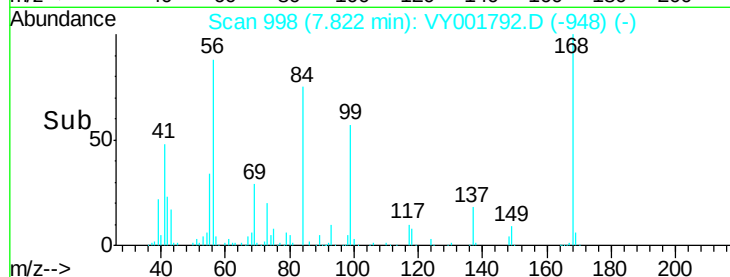
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 51.19 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY001792.D

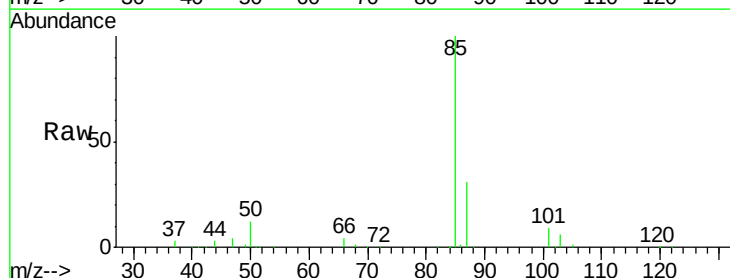
Acq: 28 Feb 2020 09:51

Tgt Ion: 85 Resp: 87113

Ion Ratio Lower Upper

85 100

87 31.3 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY001792.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001792.D (-1) (-)

1.92

60000

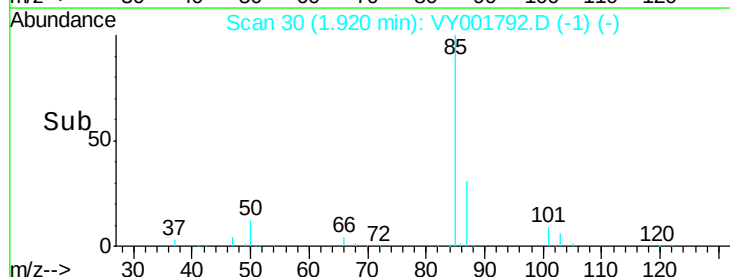
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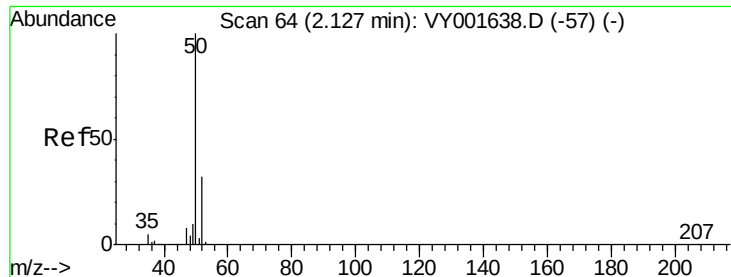
20000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 48.04 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Instrument :

MSVOA_Y

ClientSampleId :

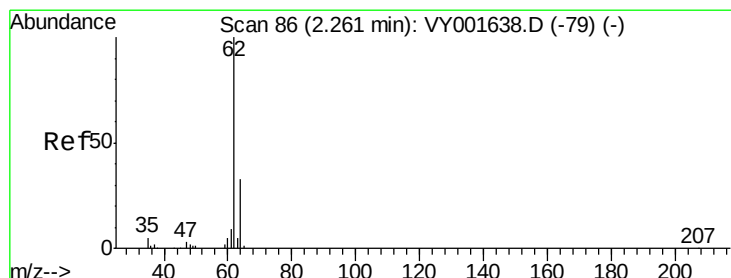
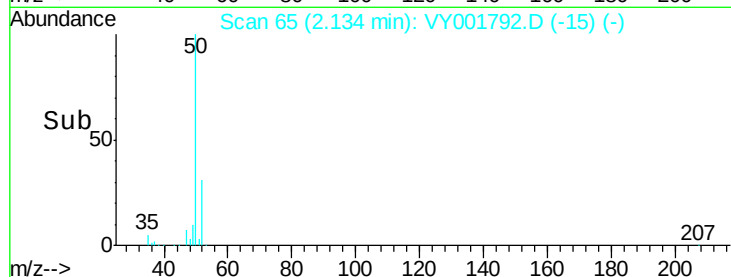
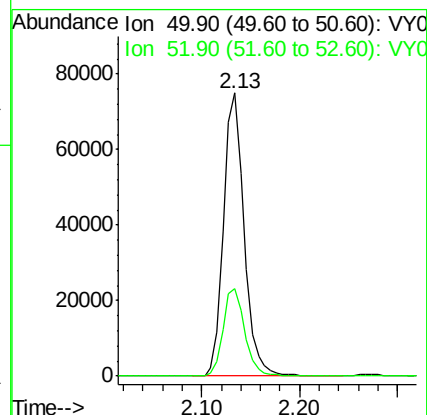
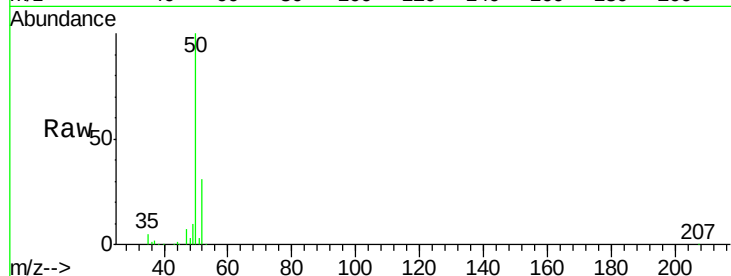
VSTDCCC050

Tgt Ion: 50 Resp: 109971

Ion Ratio Lower Upper

50 100

52 30.8 25.8 38.6



#4

Vinyl Chloride

Concen: 48.09 ug/l

RT: 2.27 min Scan# 88

Delta R.T. 0.01 min

Lab File: VY001792.D

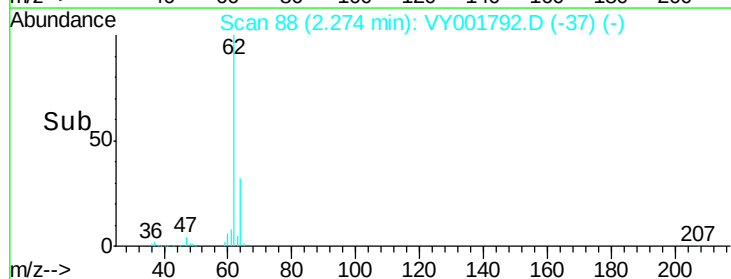
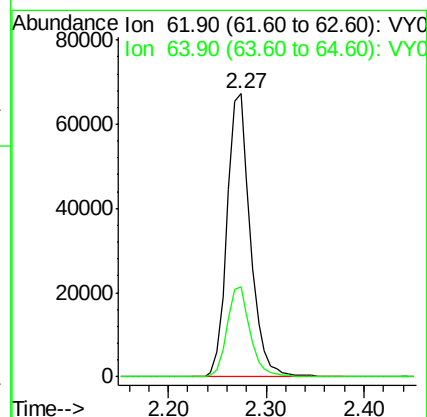
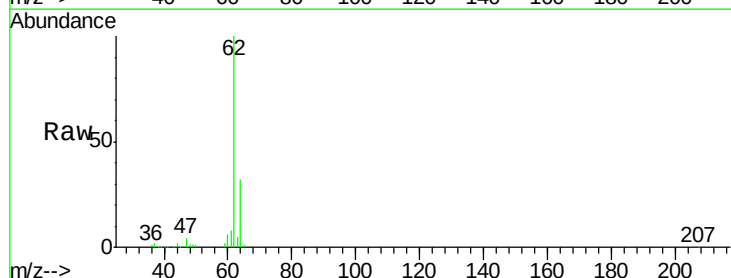
Acq: 28 Feb 2020 09:51

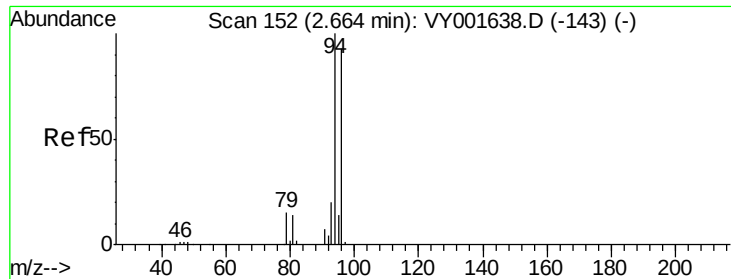
Tgt Ion: 62 Resp: 111029

Ion Ratio Lower Upper

62 100

64 31.7 24.9 37.3





#5

Bromomethane

Concen: 48.73 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Instrument :

MSVOA_Y

ClientSampleId :

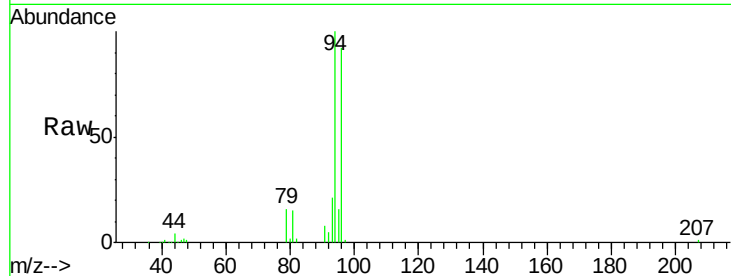
VSTDCCC050

Tgt Ion: 94 Resp: 70316

Ion Ratio Lower Upper

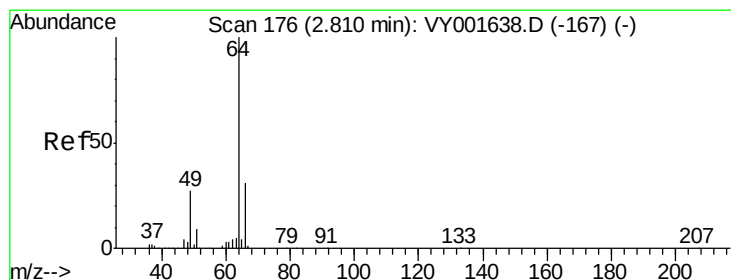
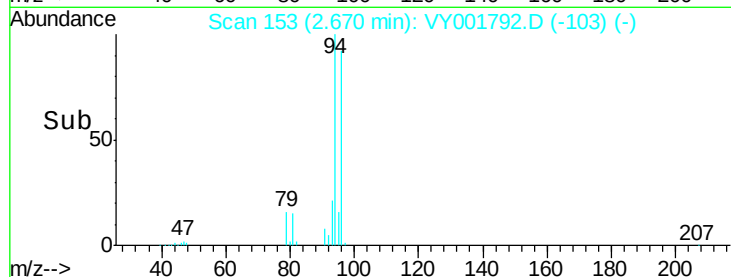
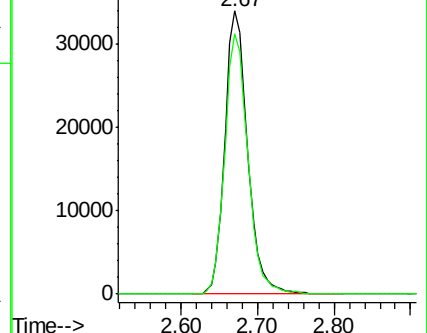
94 100

96 91.9 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY001792.D (-153) (-)

Ion 95.90 (95.60 to 96.60): VY001792.D (-153) (-)



#6

Chloroethane

Concen: 48.45 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY001792.D

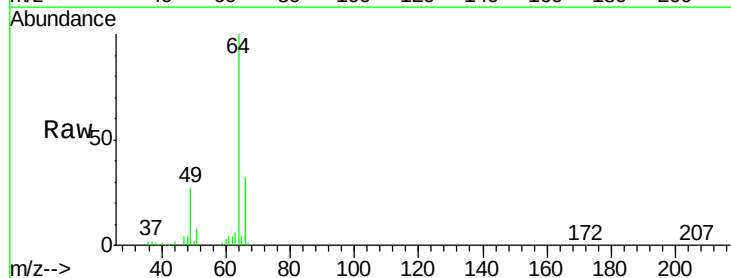
Acq: 28 Feb 2020 09:51

Tgt Ion: 64 Resp: 68932

Ion Ratio Lower Upper

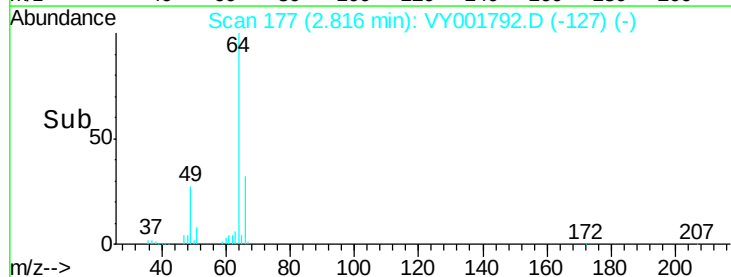
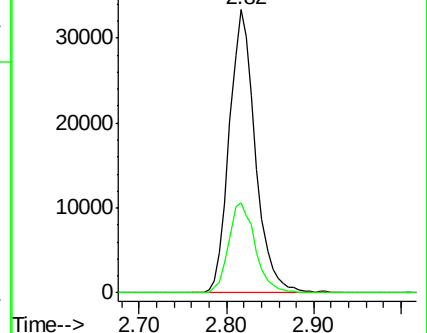
64 100

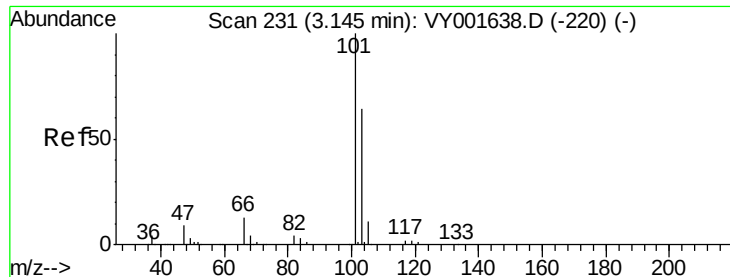
66 31.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY001792.D (-177) (-)

Ion 65.90 (65.60 to 66.60): VY001792.D (-177) (-)



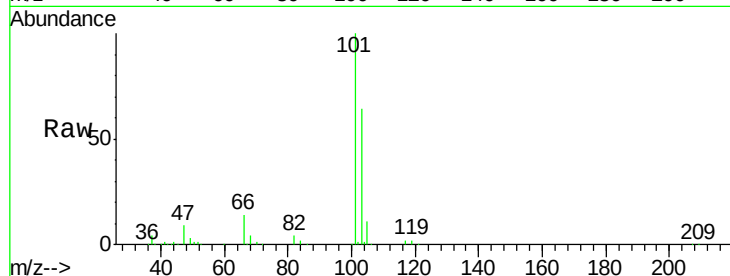


#7

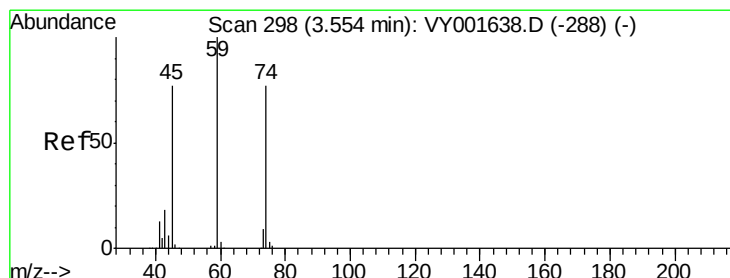
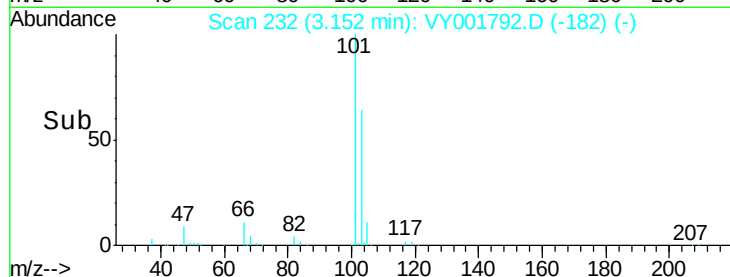
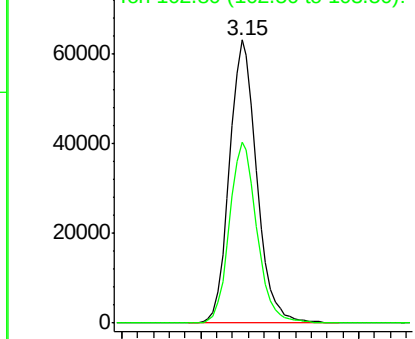
Trichlorofluoromethane
Concen: 51.62 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.01 min
Lab File: VY001792.D
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Tgt Ion:101 Resp: 152535
Ion Ratio Lower Upper
101 100
103 64.0 52.2 78.2



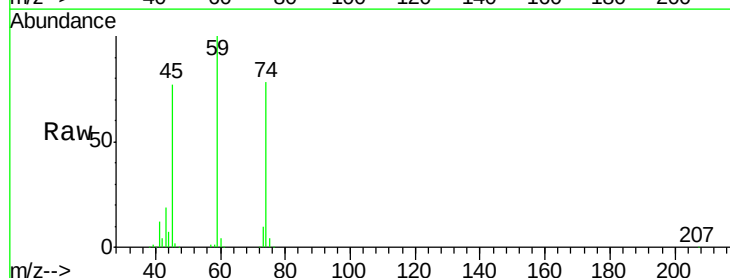
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



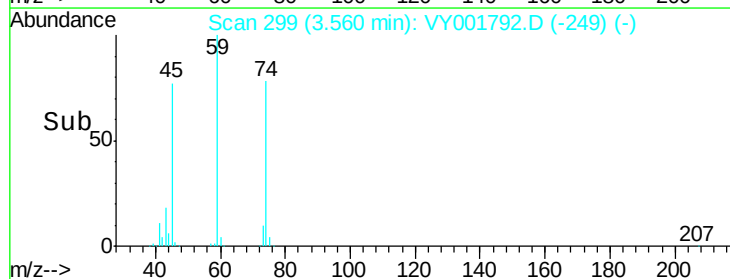
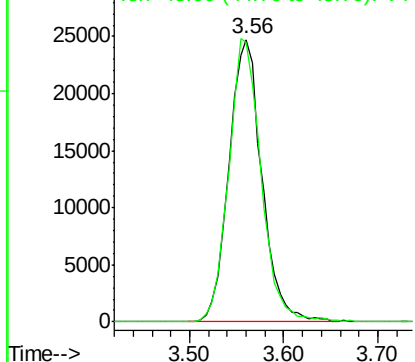
#8

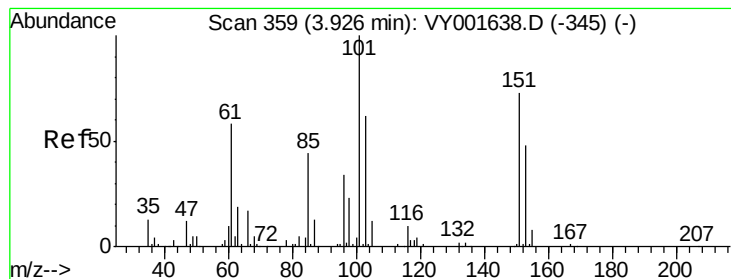
Diethyl Ether
Concen: 51.72 ug/l
RT: 3.56 min Scan# 299
Delta R.T. 0.01 min
Lab File: VY001792.D
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Tgt Ion: 74 Resp: 60256
Ion Ratio Lower Upper
74 100
45 98.3 49.6 148.8



Abundance Ion 74.00 (73.70 to 74.70): VY0
Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.38 ug/l

RT: 3.94 min Scan# 361

Delta R.T. 0.01 min

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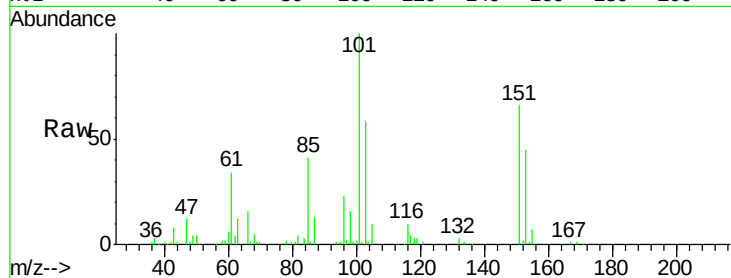
Tgt Ion:101 Resp: 97292

Ion Ratio Lower Upper

101 100

85 43.5 35.1 52.7

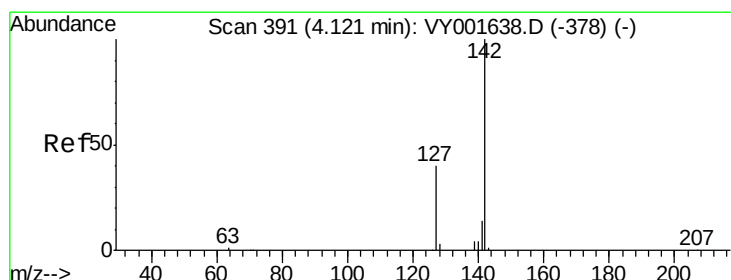
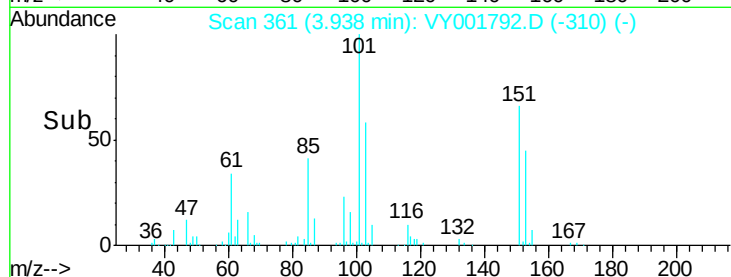
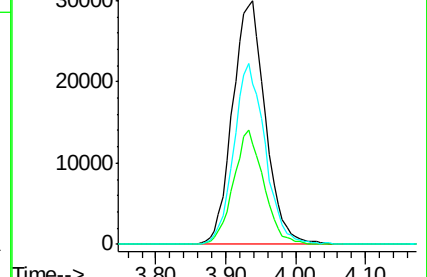
151 71.0 58.4 87.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.78 ug/l

RT: 4.13 min Scan# 392

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

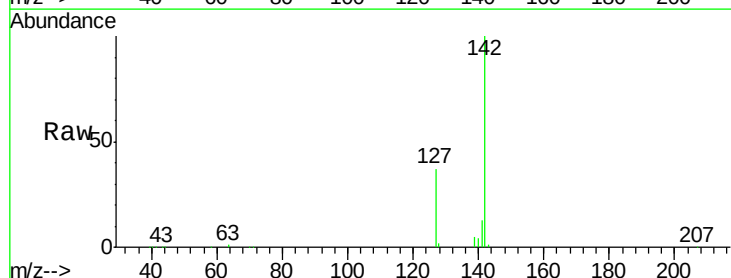
Tgt Ion:142 Resp: 117714

Ion Ratio Lower Upper

142 100

127 39.5 32.1 48.1

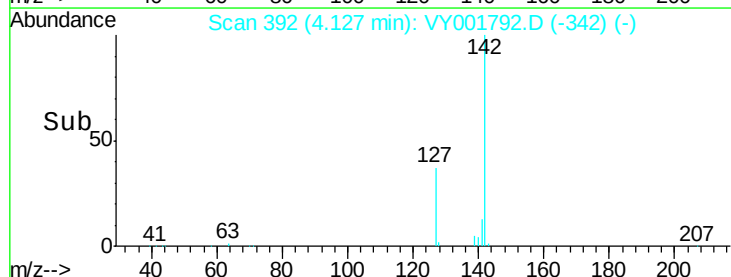
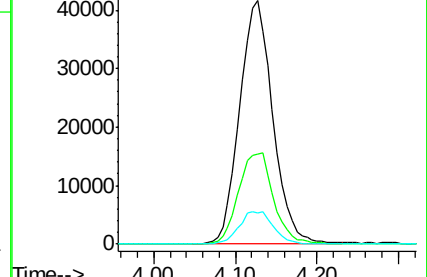
141 14.0 11.3 16.9

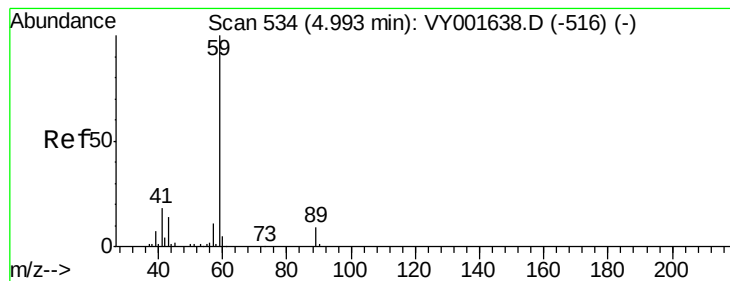


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



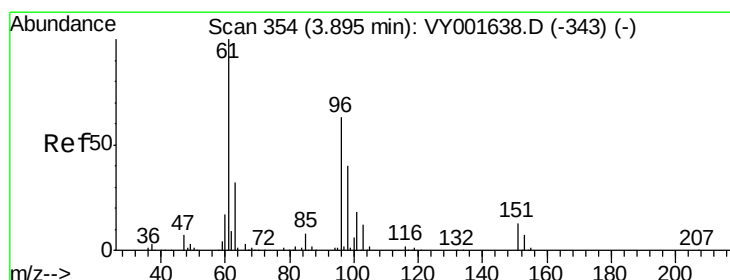
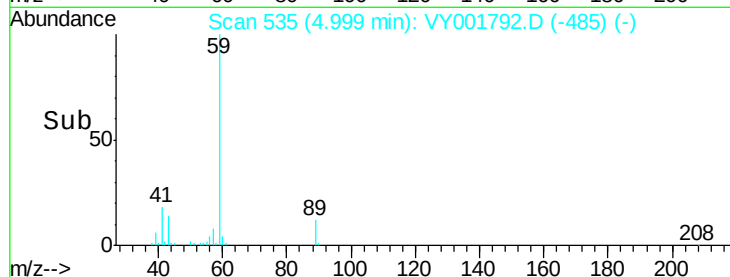
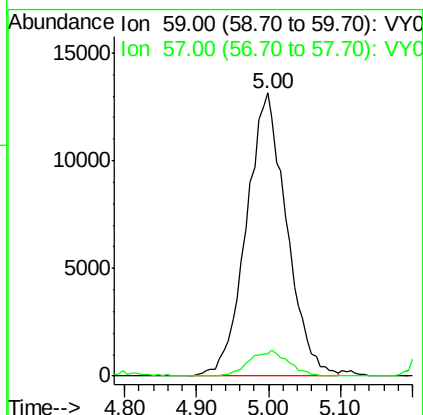
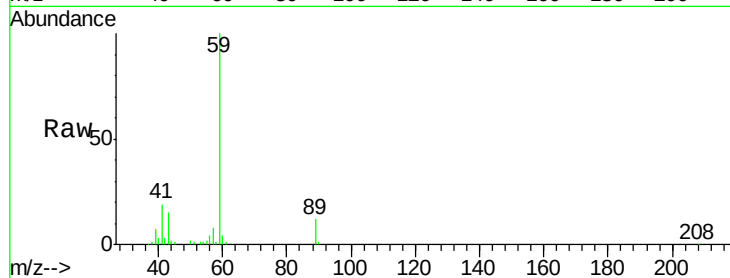


#11

Tert butyl alcohol
 Concen: 232.72 ug/l
 RT: 5.00 min Scan# 535
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

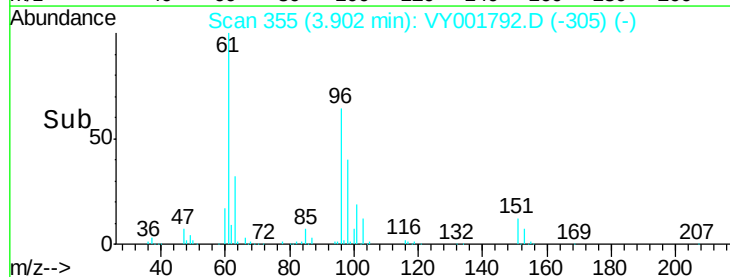
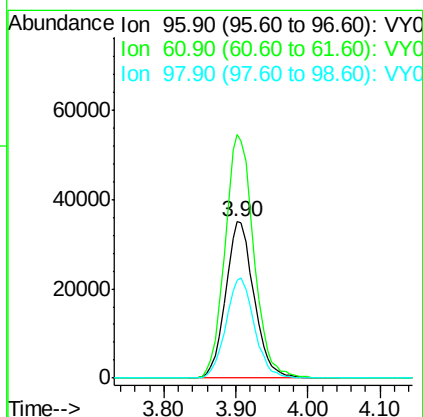
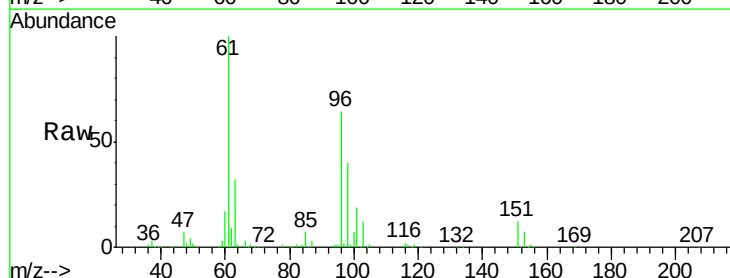
Tgt Ion: 59 Resp: 51012
 Ion Ratio Lower Upper
 59 100
 57 8.7 7.4 11.2

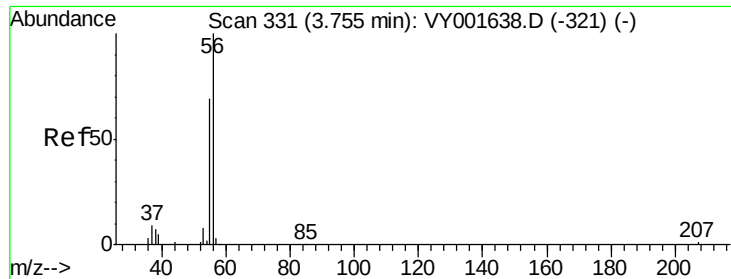


#12

1,1-Dichloroethene
 Concen: 50.76 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Tgt Ion: 96 Resp: 96168
 Ion Ratio Lower Upper
 96 100
 61 155.8 128.7 193.1
 98 62.7 50.7 76.1

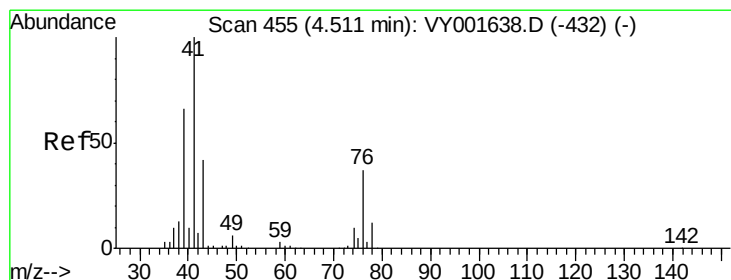
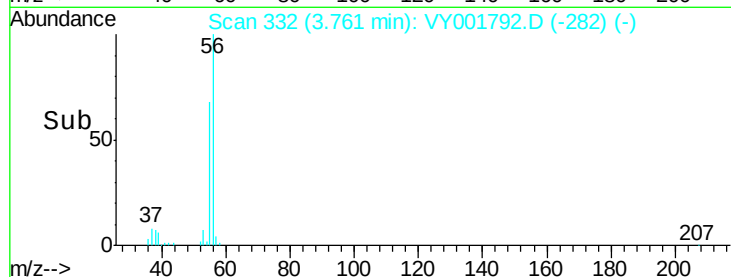
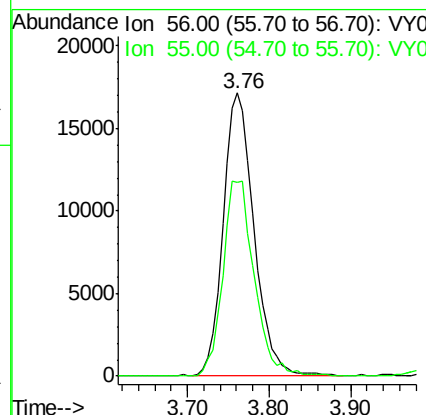
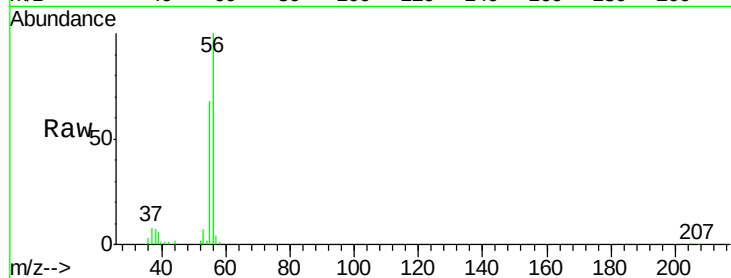




#13
 Acrolein
 Concen: 236.65 ug/l
 RT: 3.76 min Scan# 332
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

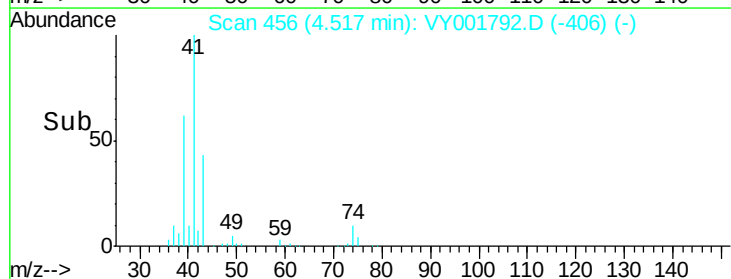
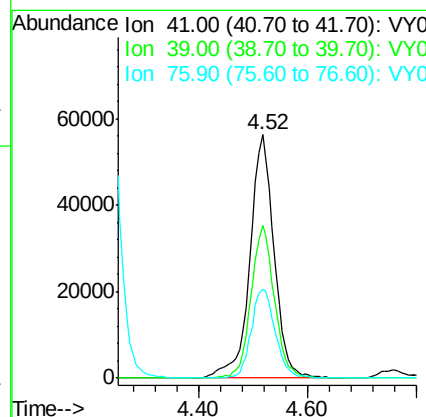
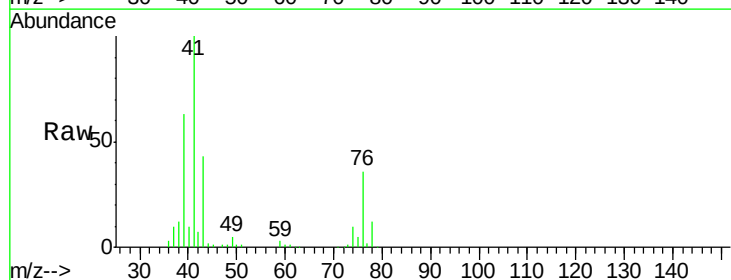
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

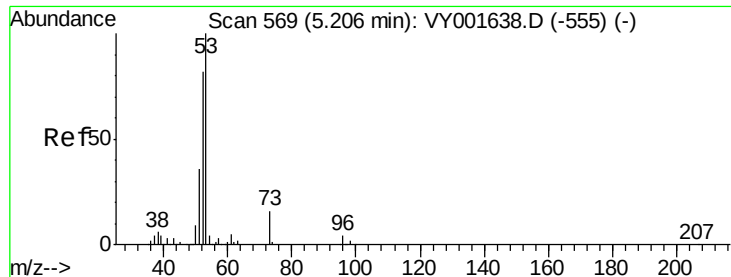
Tgt Ion: 56 Resp: 44886
 Ion Ratio Lower Upper
 56 100
 55 69.9 56.1 84.1



#14
 Allyl chloride
 Concen: 51.48 ug/l
 RT: 4.52 min Scan# 456
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Tgt Ion: 41 Resp: 173555
 Ion Ratio Lower Upper
 41 100
 39 60.7 49.4 74.0
 76 36.4 29.0 43.6





#15

Acrylonitrile

Concen: 270.72 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.00 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

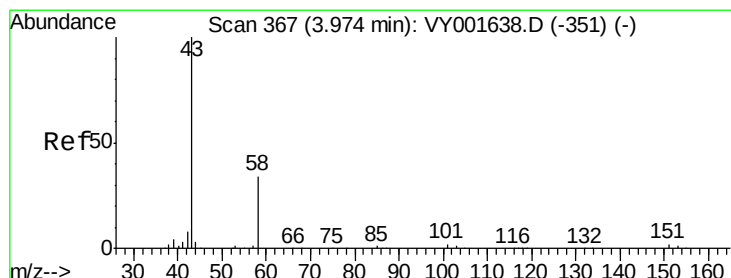
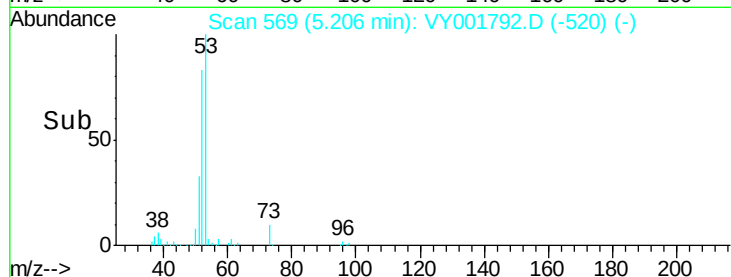
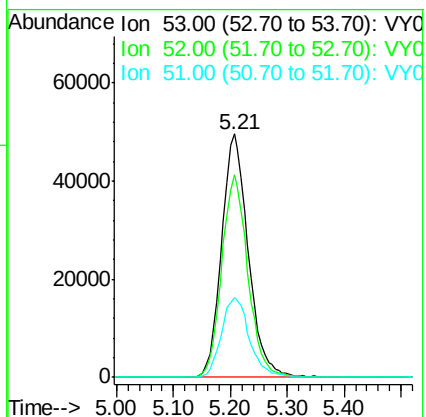
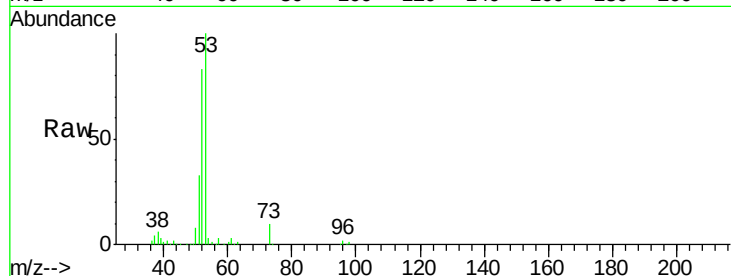
Tgt Ion: 53 Resp: 161652

Ion Ratio Lower Upper

53 100

52 81.3 65.4 98.0

51 34.6 28.0 42.0



#16

Acetone

Concen: 286.09 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001792.D

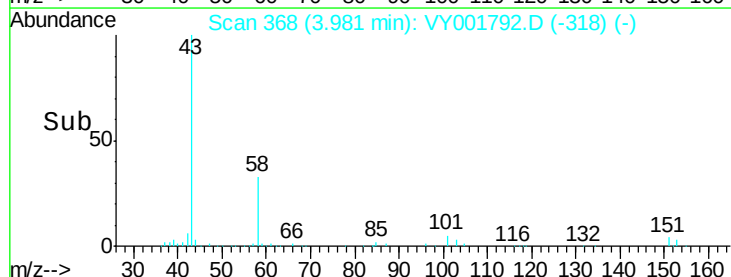
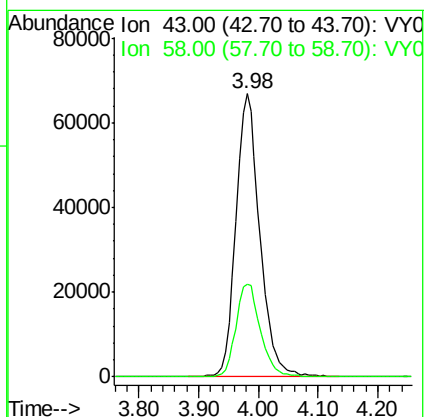
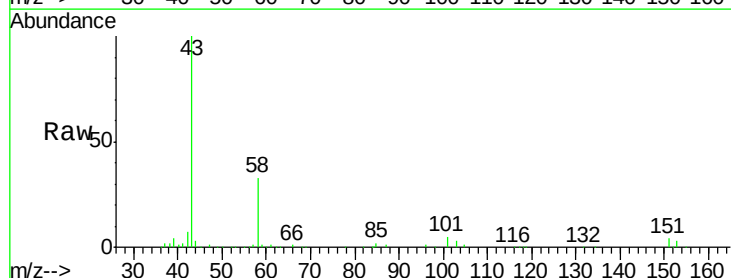
Acq: 28 Feb 2020 09:51

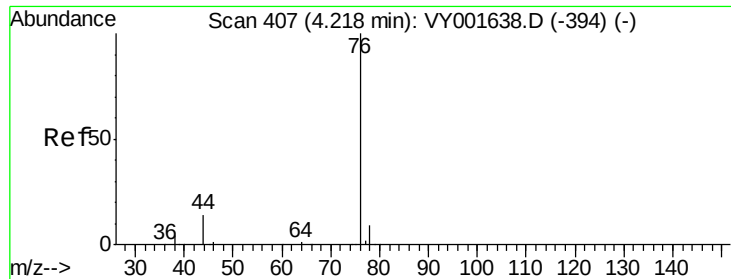
Tgt Ion: 43 Resp: 185909

Ion Ratio Lower Upper

43 100

58 32.7 27.3 40.9

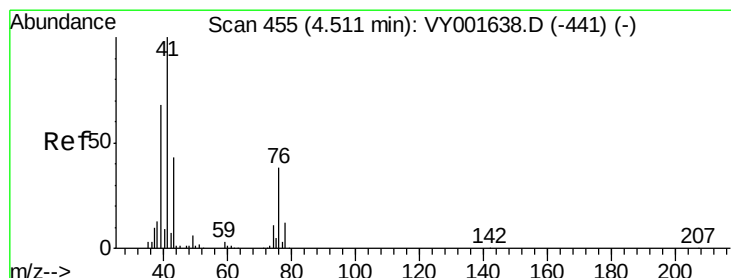
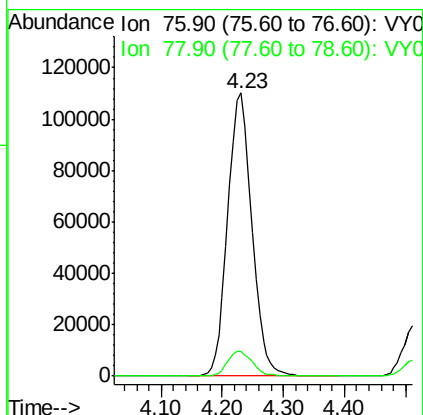
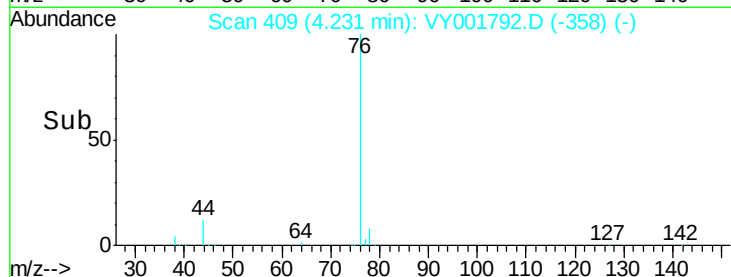
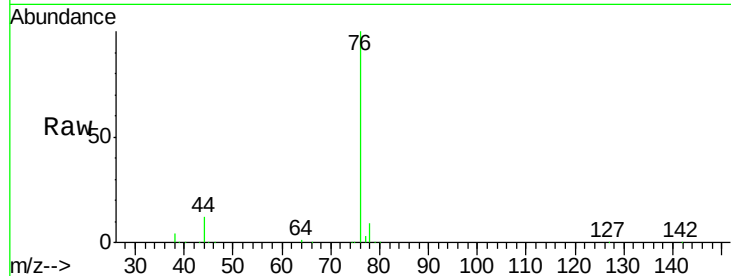




#17
Carbon Disulfide
Concen: 47.43 ug/l
RT: 4.23 min Scan# 409
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

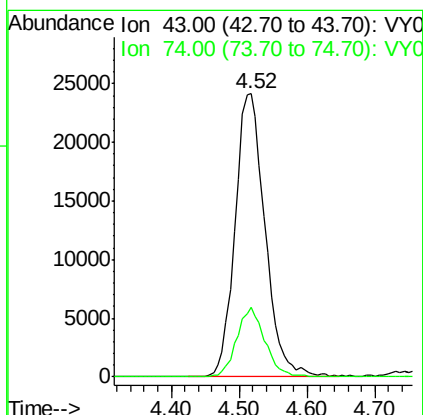
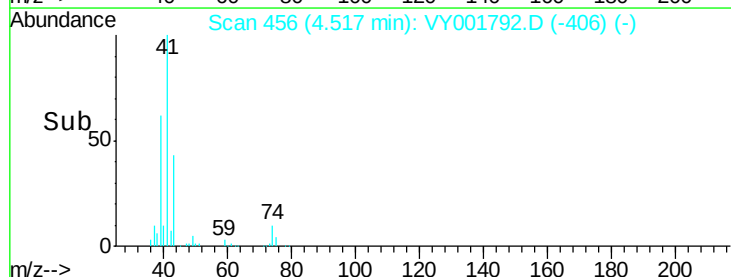
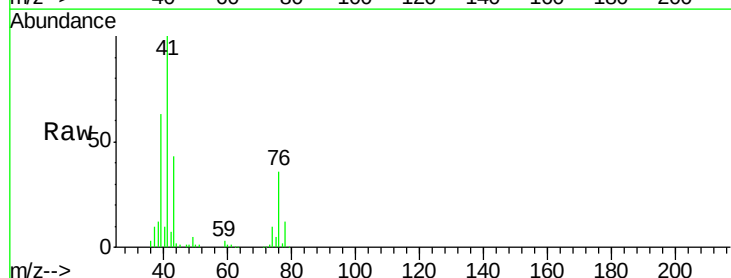
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

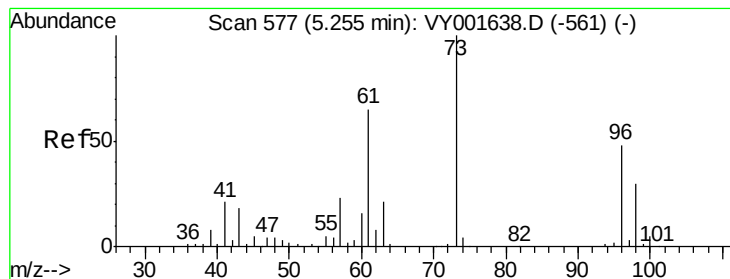
Tgt Ion: 76 Resp: 299973
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 52.22 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion: 43 Resp: 73904
Ion Ratio Lower Upper
43 100
74 23.0 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 50.81 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Instrument :

MSVOA_Y

ClientSampleId :

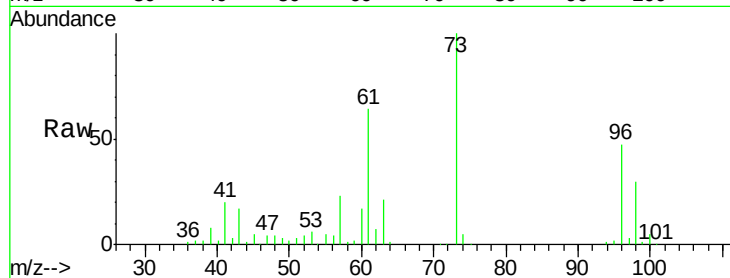
VSTDCCC050

Tgt Ion: 73 Resp: 267994

Ion Ratio Lower Upper

73 100

57 22.8 19.0 28.6



Abundance Ion 73.00 (72.70 to 73.70): VY0

Ion 57.00 (56.70 to 57.70): VY0

5.26

80000

60000

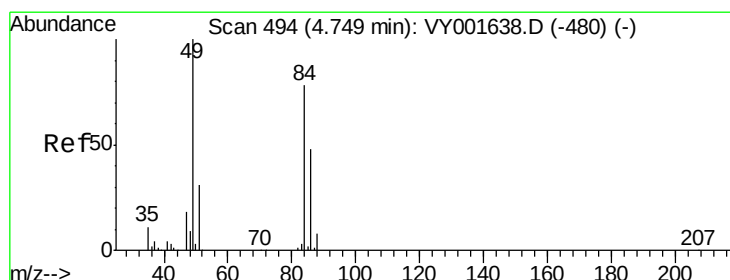
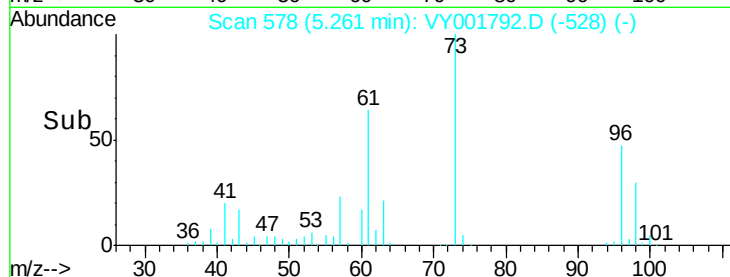
40000

20000

0

Time-->

5.10 5.20 5.30 5.40 5.50



#20

Methylene Chloride

Concen: 47.86 ug/l

RT: 4.76 min Scan# 495

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Tgt Ion: 84 Resp: 110473

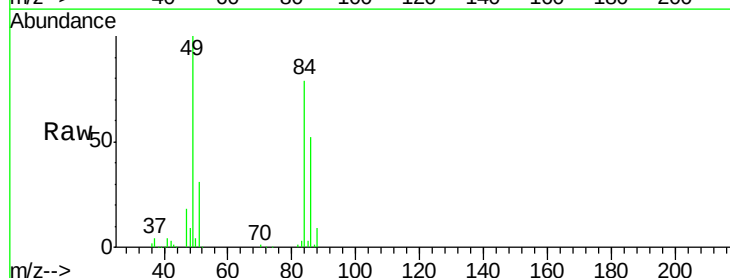
Ion Ratio Lower Upper

84 100

49 126.5 99.2 148.8

51 39.7 31.5 47.3

86 65.8 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0

60000

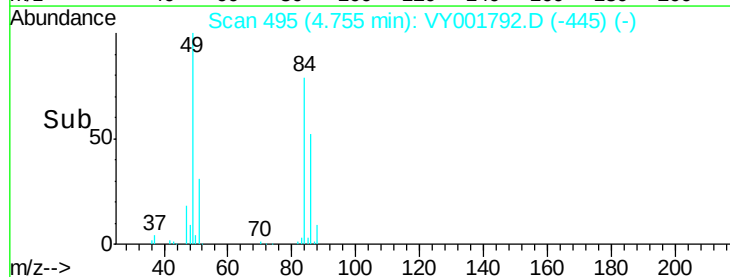
40000

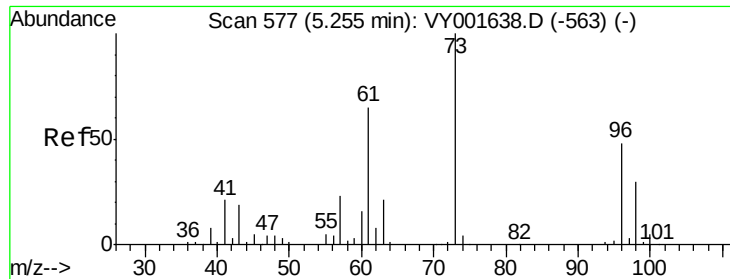
20000

0

Time-->

4.60 4.70 4.80 4.90





#21

trans-1,2-Dichloroethene

Concen: 49.94 ug/l

RT: 5.26 min Scan# 578

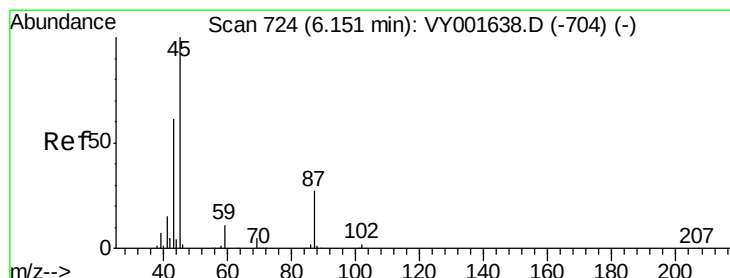
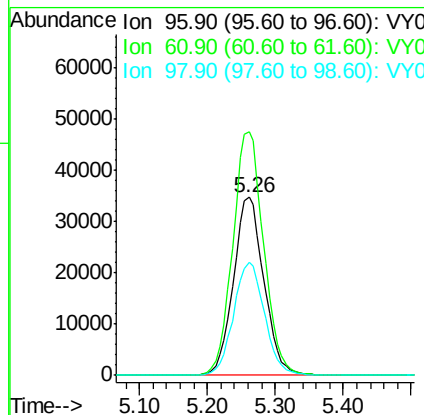
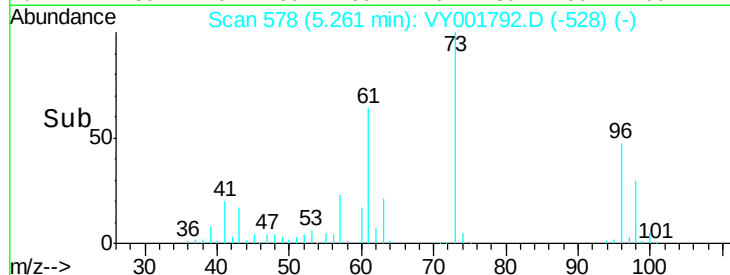
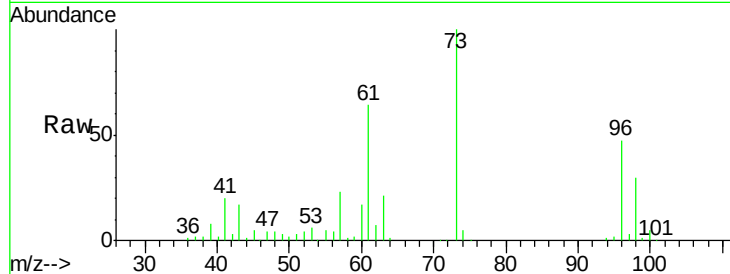
Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:	96	Resp:	107941
Ion	Ratio	Lower	Upper
96	100		
61	136.9	107.9	161.9
98	63.4	49.8	74.8



#22

Diisopropyl ether

Concen: 51.31 ug/l

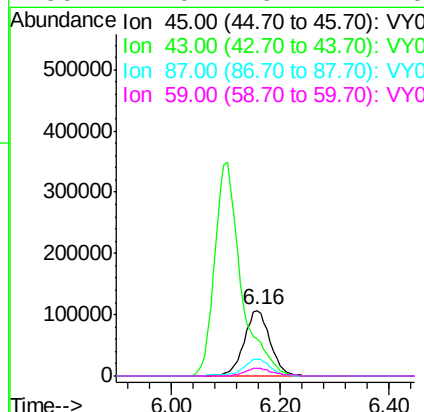
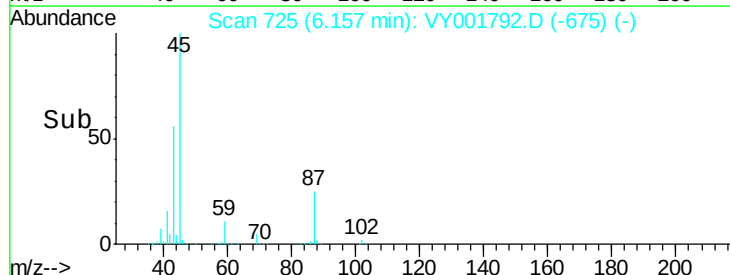
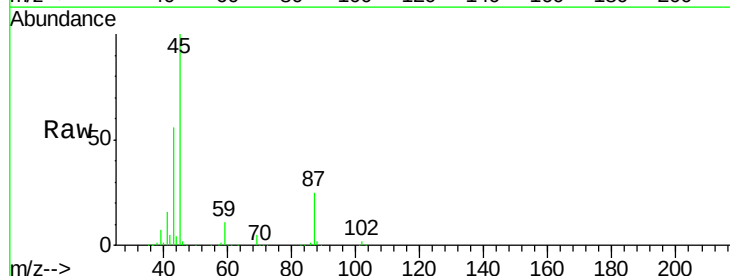
RT: 6.16 min Scan# 725

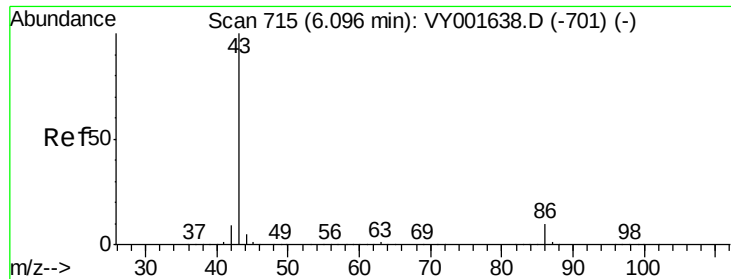
Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Tgt Ion:	45	Resp:	355224
Ion	Ratio	Lower	Upper
45	100		
43	55.4	46.4	69.6
87	25.1	22.1	33.1
59	11.0	9.4	14.0





#23

Vinyl Acetate

Concen: 259.23 ug/l

RT: 6.10 min Scan# 716

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Instrument :

MSVOA_Y

ClientSampleId :

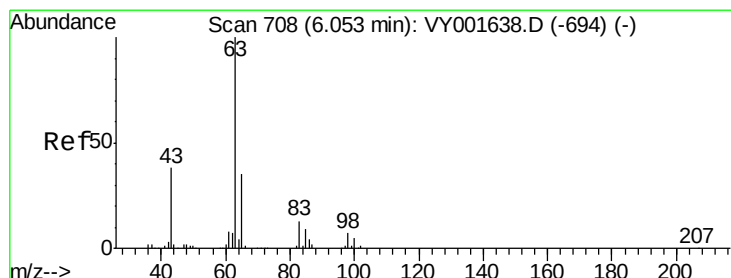
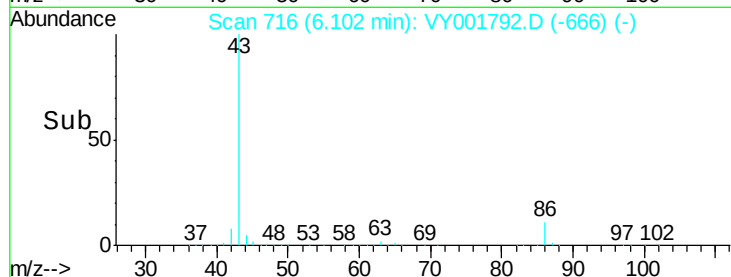
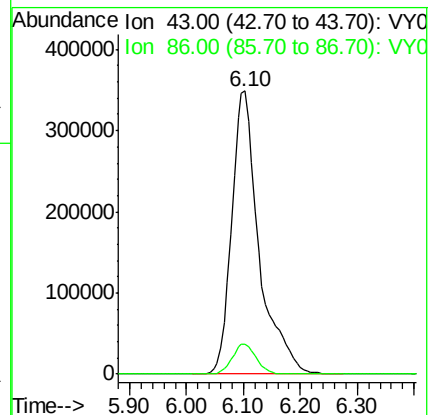
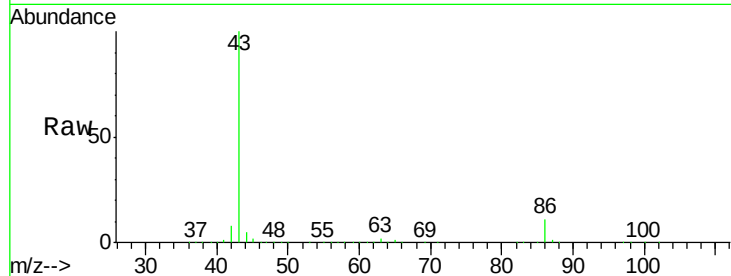
VSTDCCC050

Tgt Ion: 43 Resp: 1170779

Ion Ratio Lower Upper

43 100

86 10.6 8.8 13.2



#24

1,1-Dichloroethane

Concen: 51.85 ug/l

RT: 6.06 min Scan# 709

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

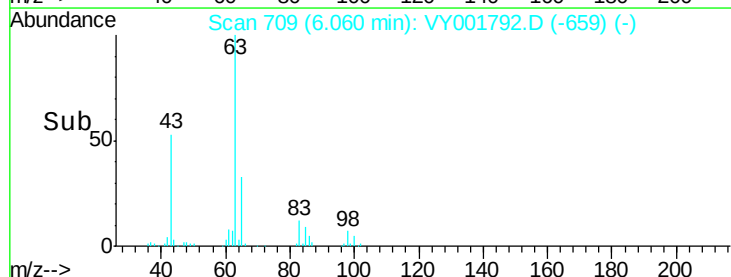
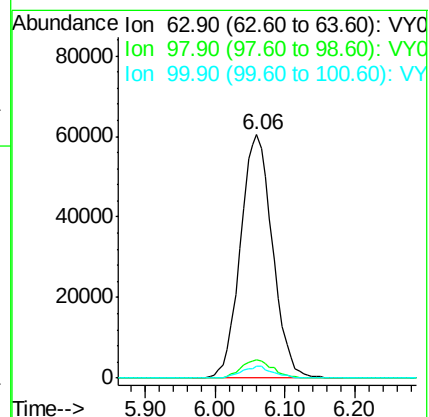
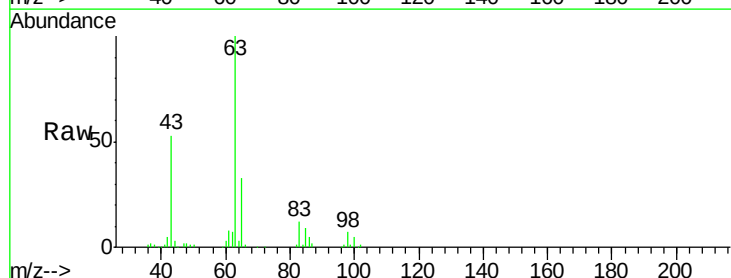
Tgt Ion: 63 Resp: 191868

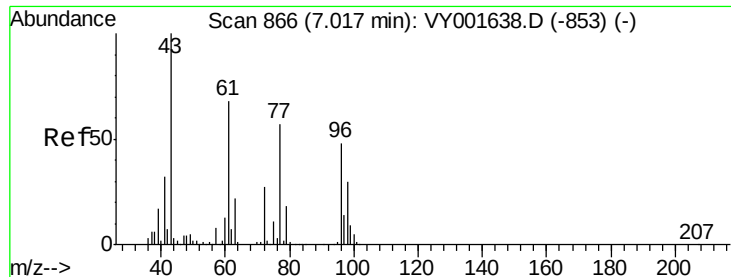
Ion Ratio Lower Upper

63 100

98 7.4 3.4 10.2

100 4.9 2.3 6.9





#25

2-Butanone

Concen: 277.90 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Instrument :

MSVOA_Y

ClientSampleId :

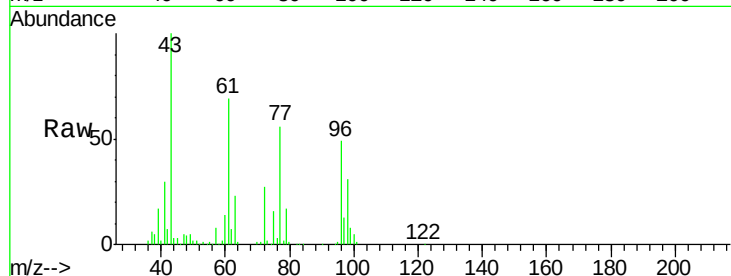
VSTDCCC050

Tgt Ion: 43 Resp: 245316

Ion Ratio Lower Upper

43 100

72 26.6 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

7.02

100000

80000

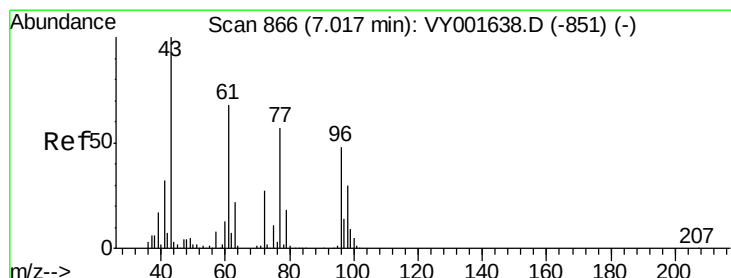
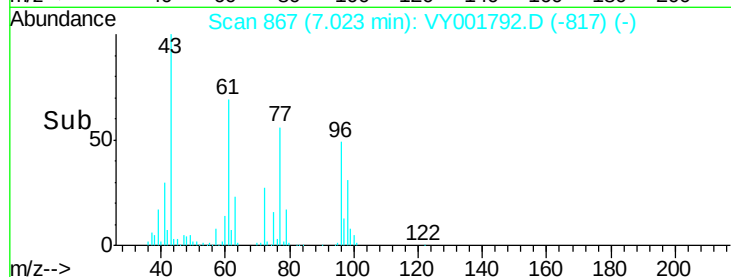
60000

40000

20000

0

Time--> 6.90 6.95 7.00 7.05 7.10



#26

2,2-Dichloropropane

Concen: 50.39 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001792.D

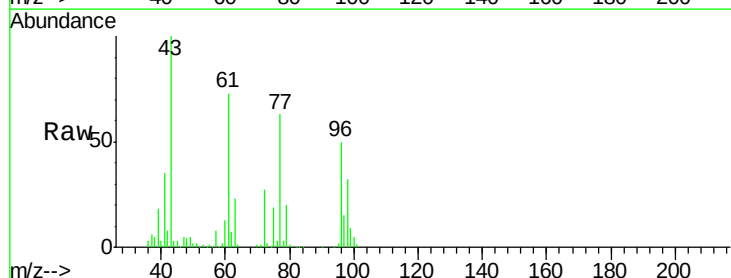
Acq: 28 Feb 2020 09:51

Tgt Ion: 77 Resp: 162250

Ion Ratio Lower Upper

77 100

97 23.7 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

7.02

60000

50000

40000

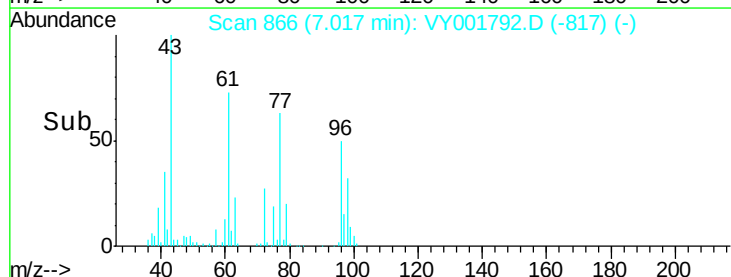
30000

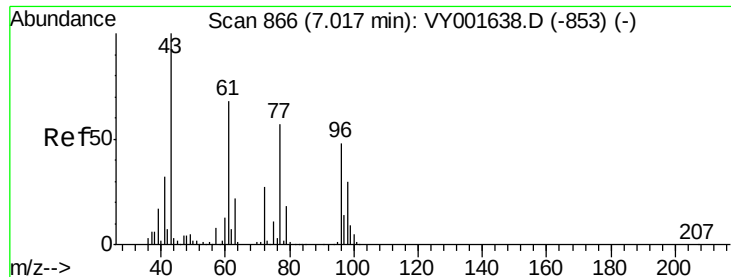
20000

10000

0

Time--> 6.90 7.00 7.10 7.20



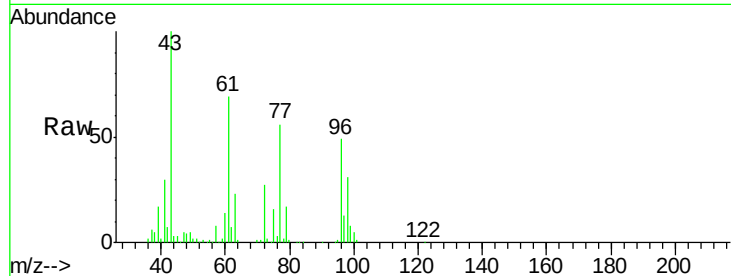


#27

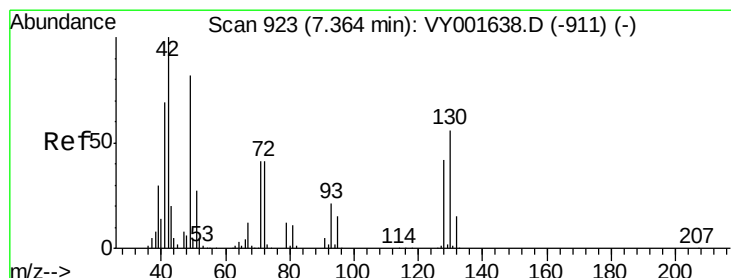
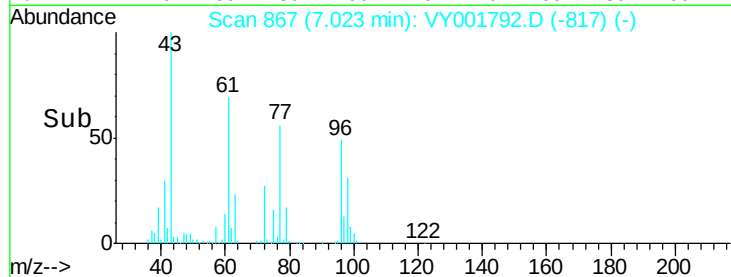
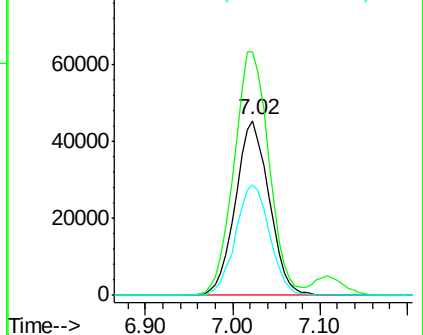
cis-1,2-Dichloroethene
Concen: 51.05 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 121792
Ion Ratio Lower Upper
96 100
61 144.8 0.0 290.8
98 64.2 0.0 128.6



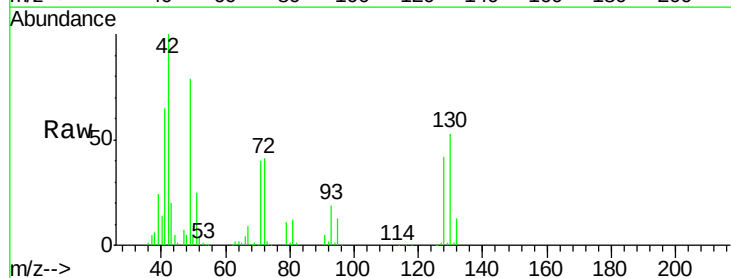
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



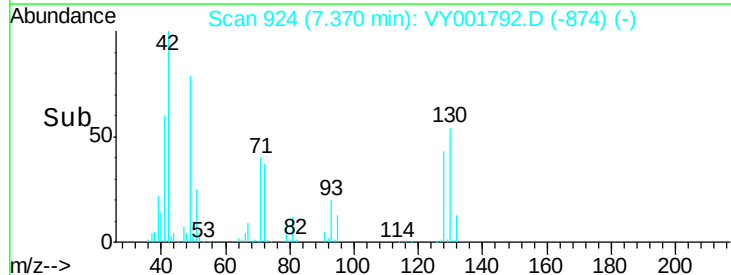
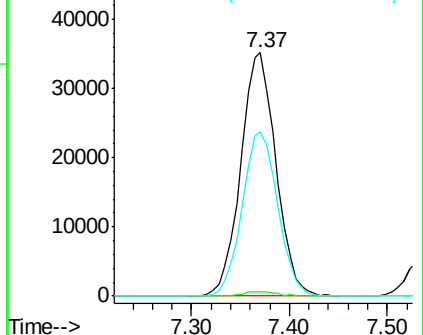
#28

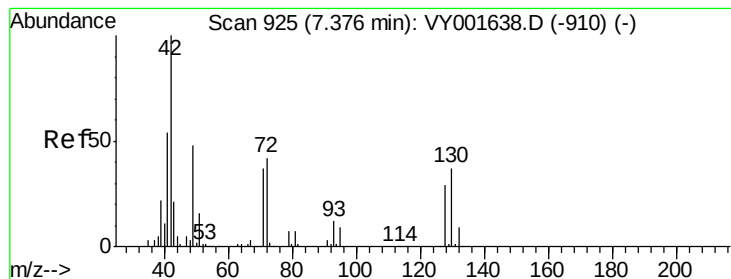
Bromochloromethane
Concen: 56.85 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion: 49 Resp: 87638
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.6
130 68.4 56.2 84.4



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0





#29

Tetrahydrofuran

Concen: 256.35 ug/l

RT: 7.38 min Scan# 926

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

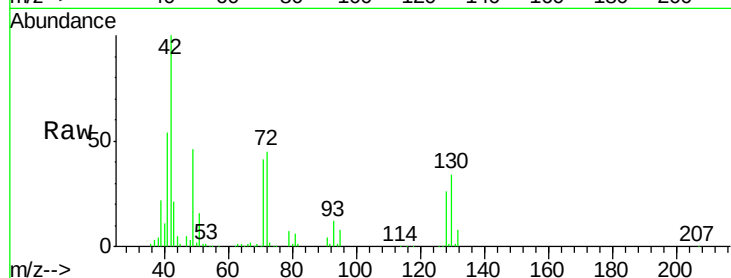
Tgt Ion: 42 Resp: 136778

Ion Ratio Lower Upper

42 100

72 42.8 34.4 51.6

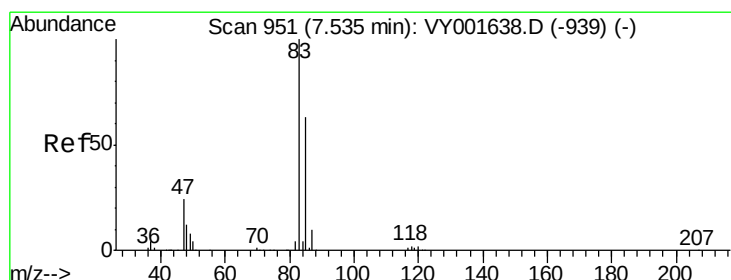
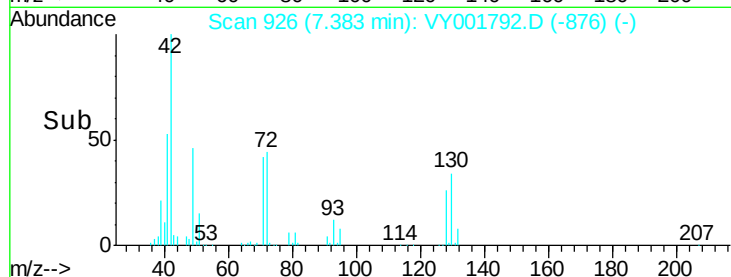
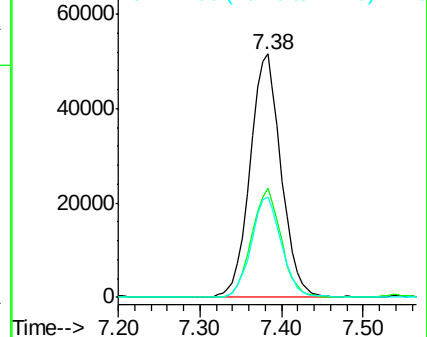
71 40.3 31.8 47.8



Abundance Ion 42.00 (41.70 to 42.70): VY001638.D (-910) (-)

Ion 72.00 (71.70 to 72.70): VY001638.D (-910) (-)

Ion 71.00 (70.70 to 71.70): VY001638.D (-910) (-)



#30

Chloroform

Concen: 50.42 ug/l

RT: 7.54 min Scan# 952

Delta R.T. 0.01 min

Lab File: VY001792.D

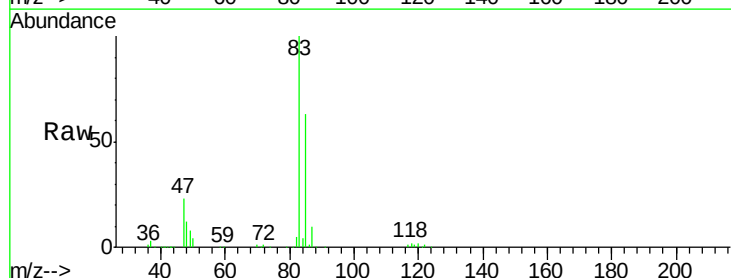
Acq: 28 Feb 2020 09:51

Tgt Ion: 83 Resp: 182315

Ion Ratio Lower Upper

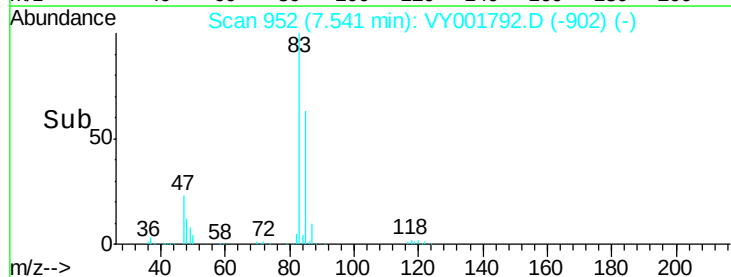
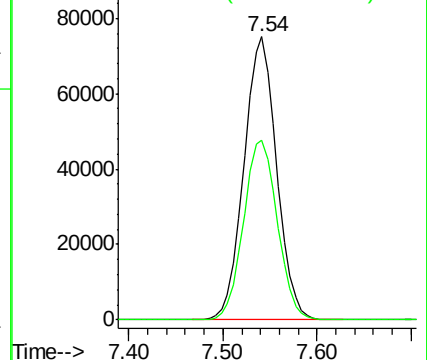
83 100

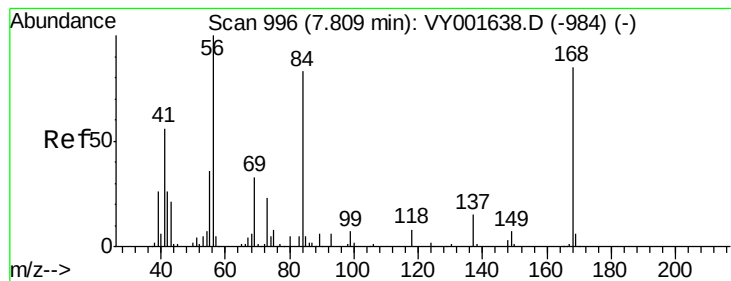
85 63.4 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VY001638.D (-939) (-)

Ion 84.90 (84.60 to 85.60): VY001638.D (-939) (-)





#31

Cyclohexane

Concen: 47.87 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

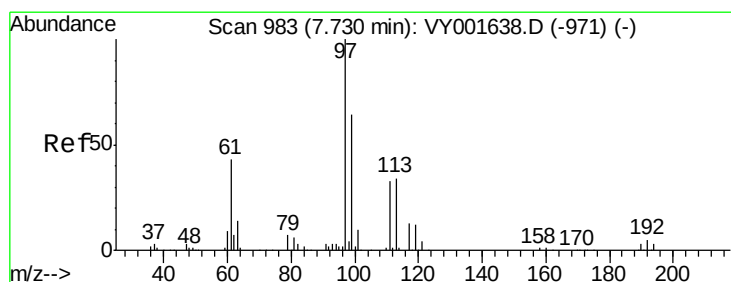
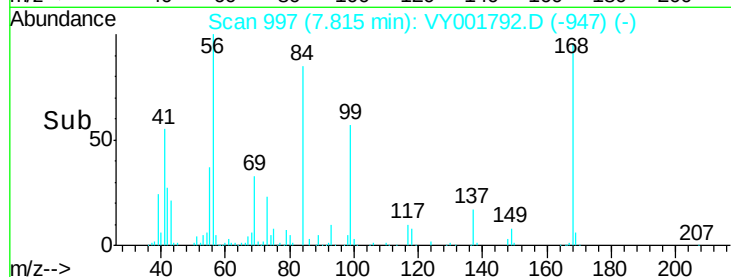
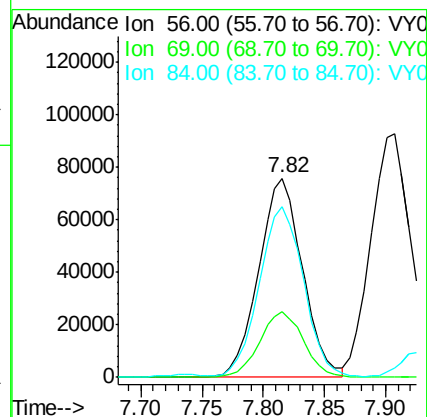
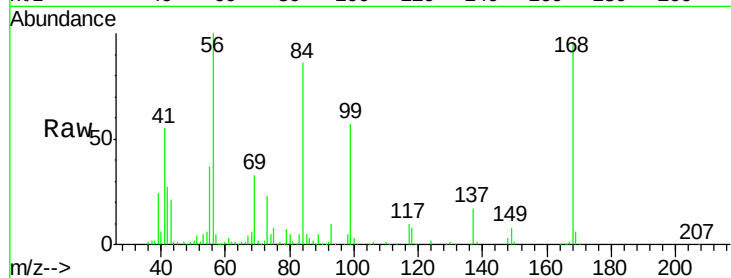
Tgt Ion: 56 Resp: 188885

Ion Ratio Lower Upper

56 100

69 32.9 25.1 37.7

84 84.4 66.9 100.3



#32

1,1,1-Trichloroethane

Concen: 50.84 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

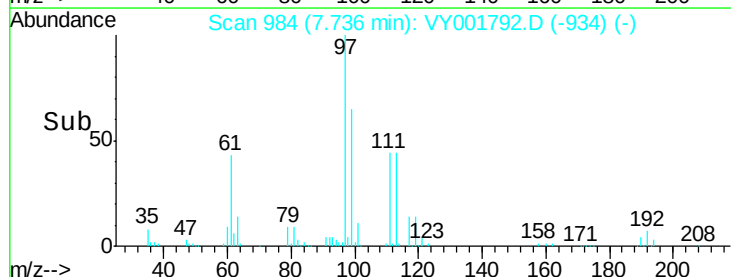
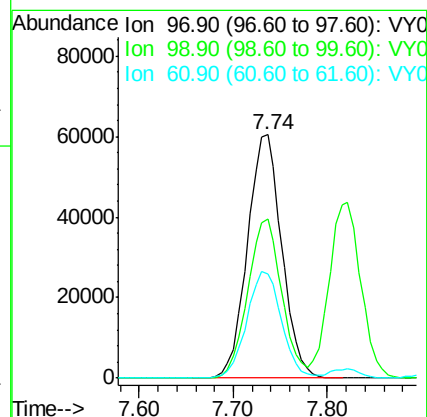
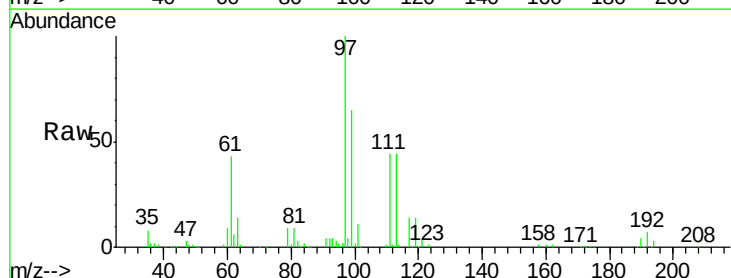
Tgt Ion: 97 Resp: 154501

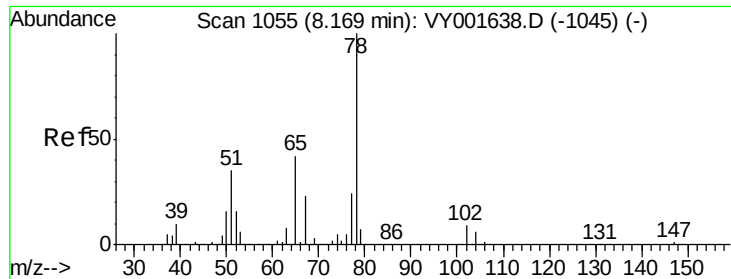
Ion Ratio Lower Upper

97 100

99 64.7 51.2 76.8

61 44.4 35.0 52.6

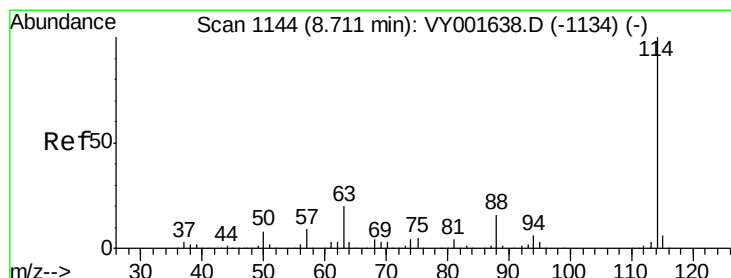
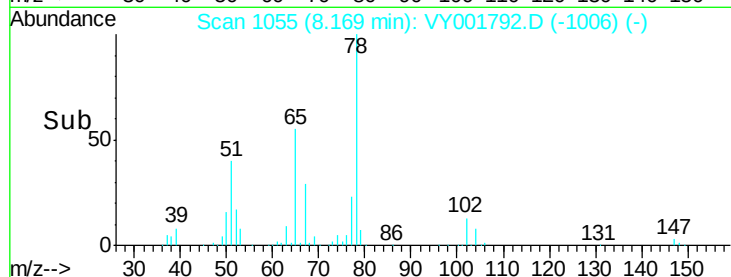
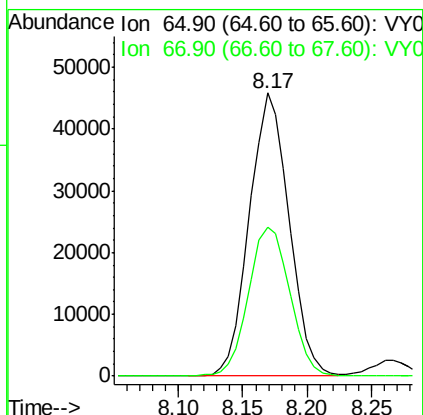
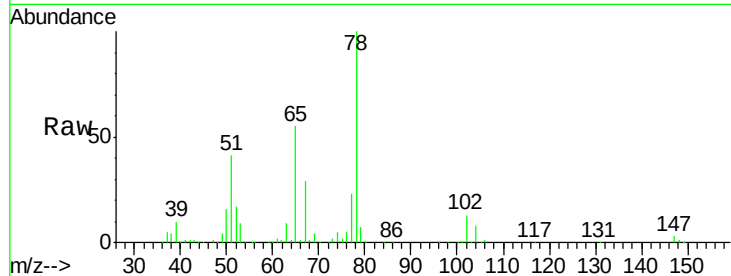




#33
 1,2-Dichloroethane-d4
 Concen: 52.07 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

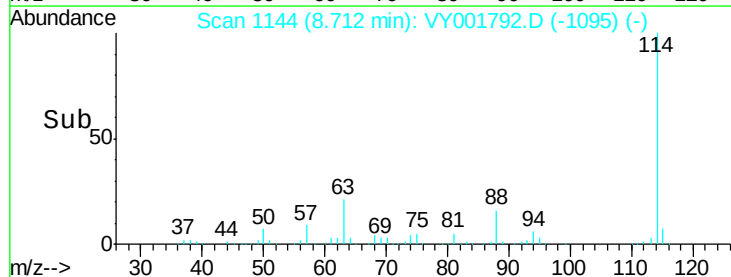
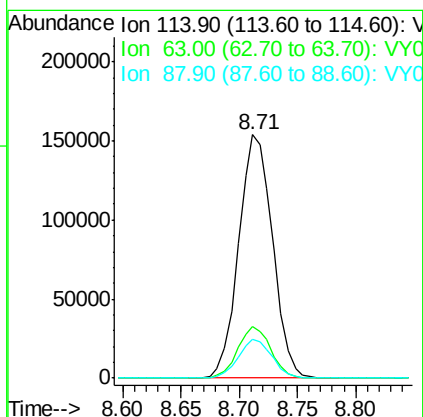
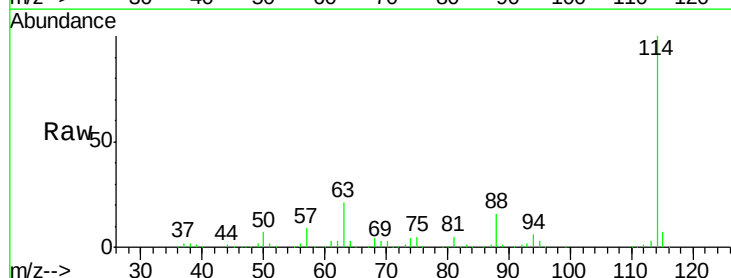
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

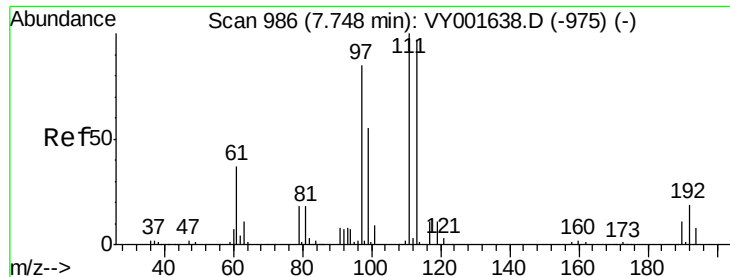
Tgt Ion: 65 Resp: 97792
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Tgt Ion: 114 Resp: 311078
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 41.4
 88 16.1 0.0 32.8

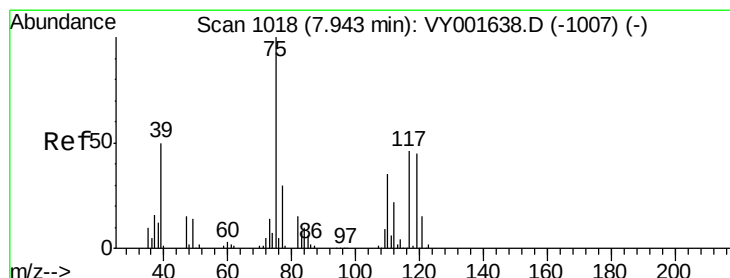
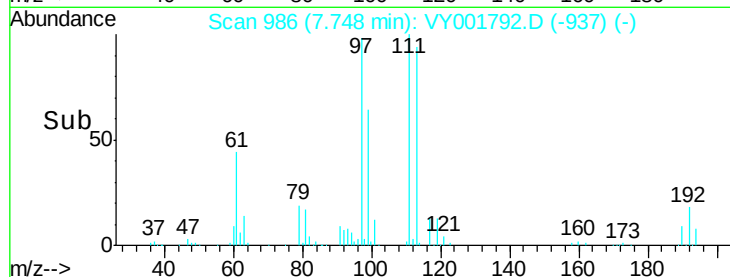
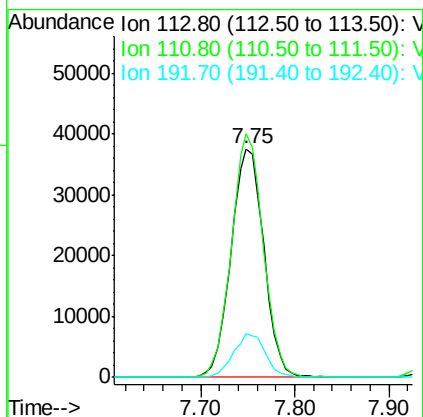
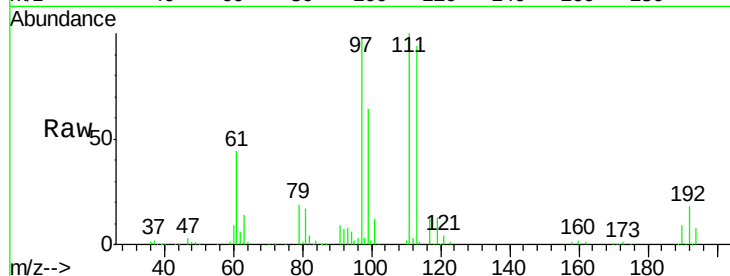




#35
 Dibromofluoromethane
 Concen: 51.12 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

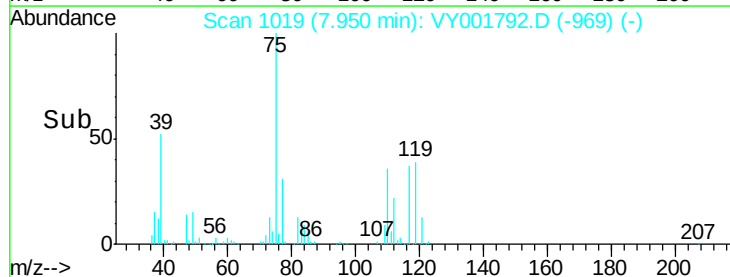
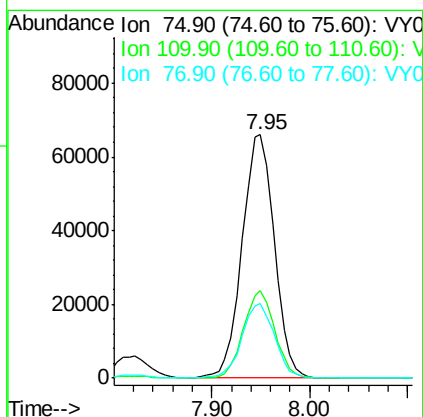
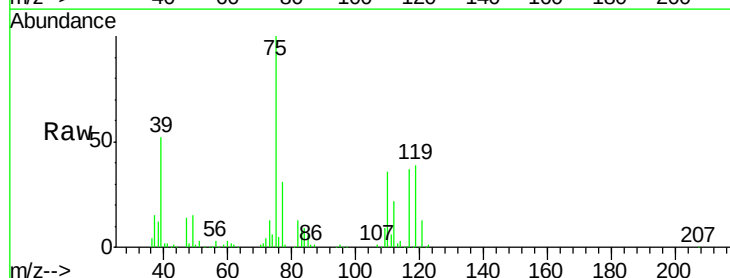
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

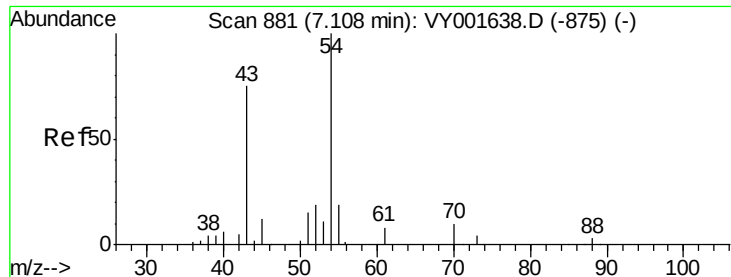
Tgt Ion:113 Resp: 91089
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.9 122.9
 192 18.6 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 51.02 ug/l
 RT: 7.95 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Tgt Ion: 75 Resp: 151586
 Ion Ratio Lower Upper
 75 100
 110 35.0 17.2 51.6
 77 30.9 24.8 37.2

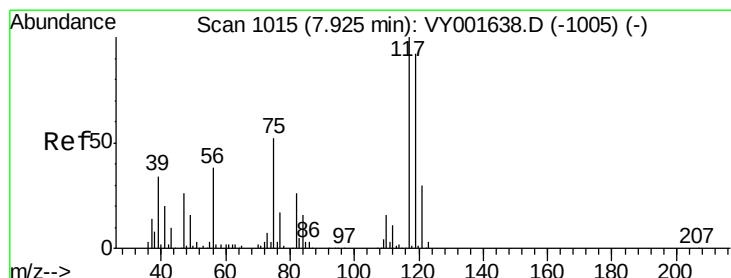
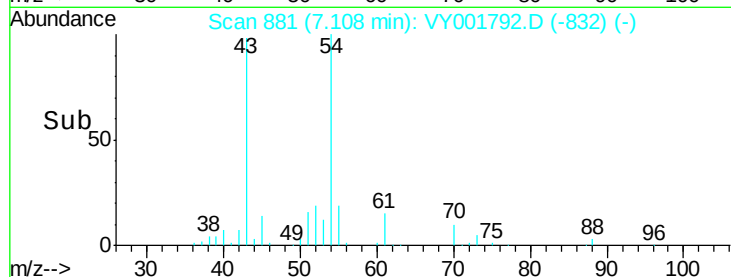
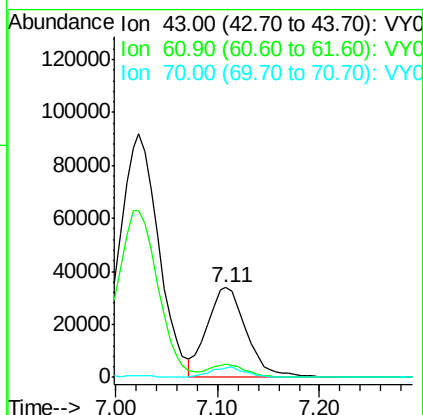
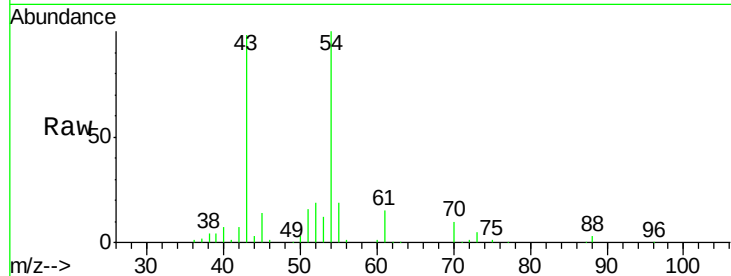




#37
Ethyl Acetate
Concen: 51.15 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.00 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

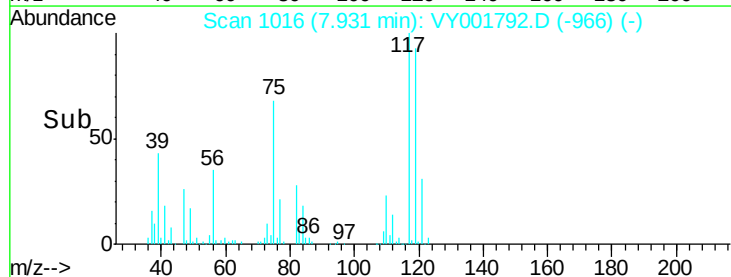
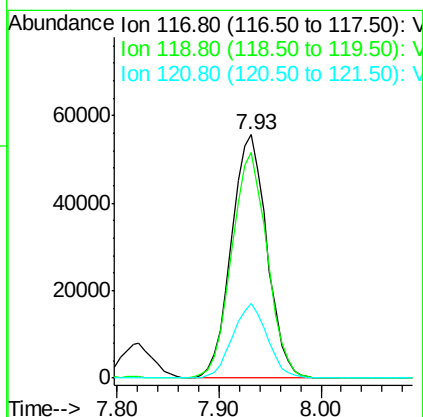
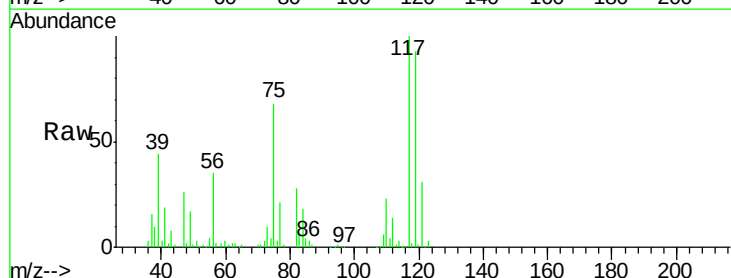
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

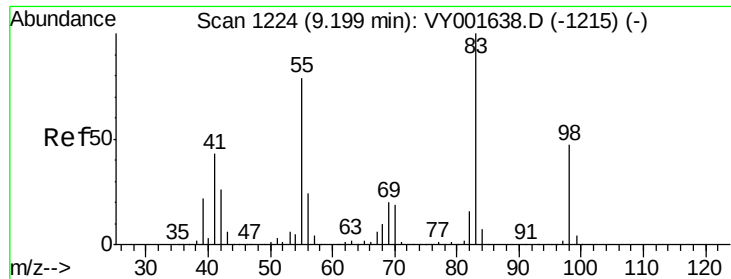
Tgt Ion: 43 Resp: 90715
Ion Ratio Lower Upper
43 100
61 14.0 11.0 16.6
70 10.3 8.8 13.2



#38
Carbon Tetrachloride
Concen: 51.44 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion: 117 Resp: 134247
Ion Ratio Lower Upper
117 100
119 92.6 74.8 112.2
121 30.6 23.8 35.6

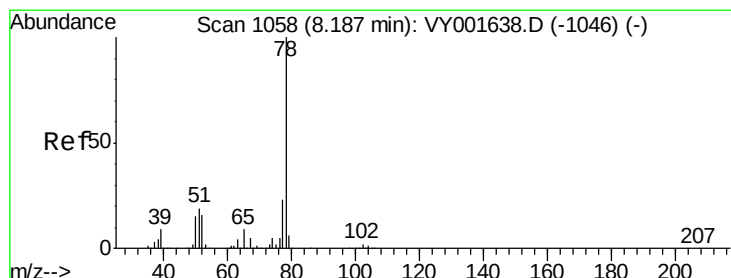
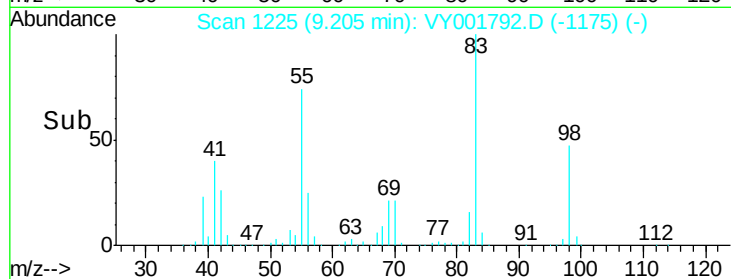
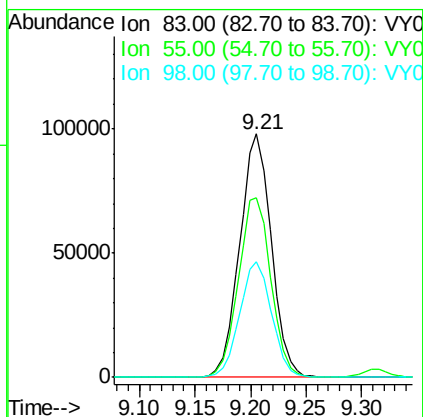
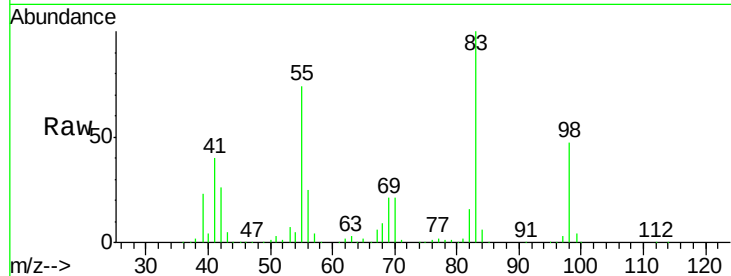




#39
Methylcyclohexane
Concen: 49.03 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

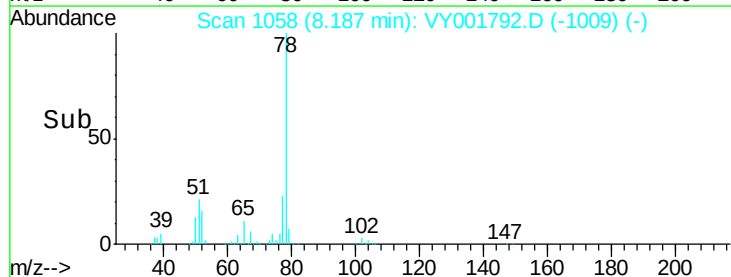
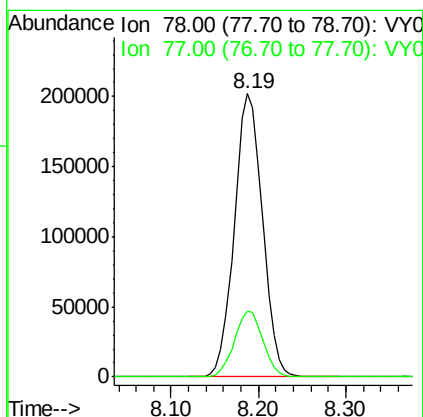
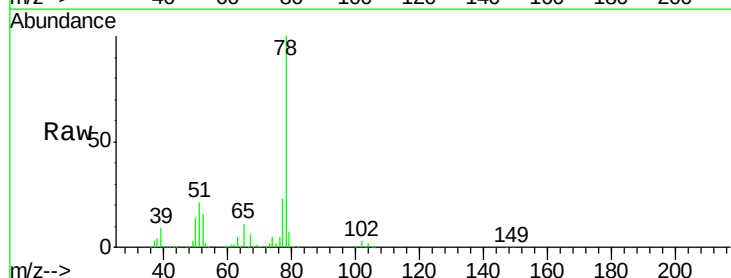
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

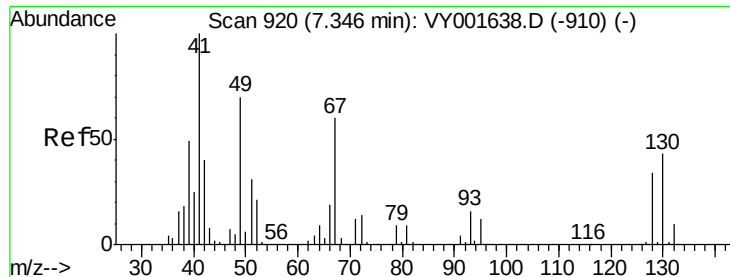
Tgt Ion: 83 Resp: 193295
Ion Ratio Lower Upper
83 100
55 73.9 61.3 91.9
98 47.3 38.0 57.0



#40
Benzene
Concen: 51.68 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion: 78 Resp: 451598
Ion Ratio Lower Upper
78 100
77 23.3 18.2 27.4

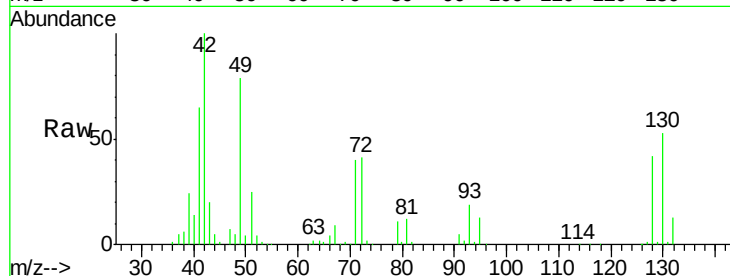




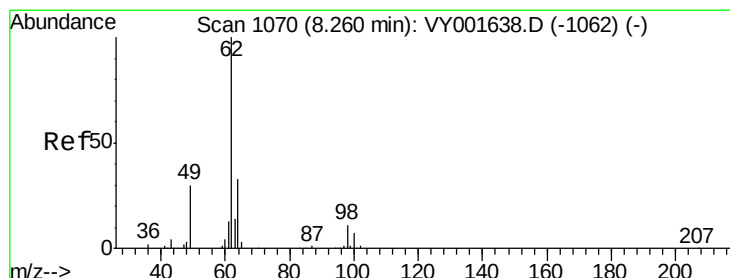
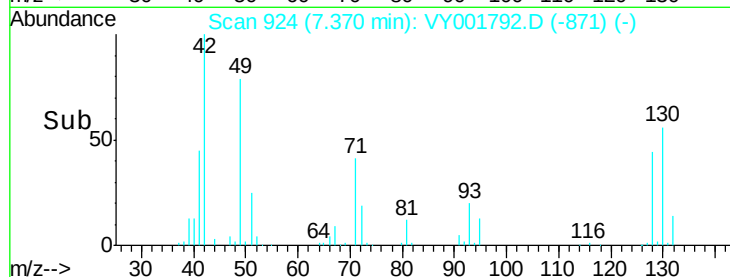
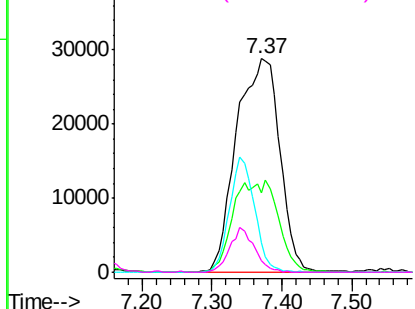
#41
Methacrylonitrile
Concen: 139.07 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.03 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	123837
Ion	Ratio	Lower	Upper
41	100		
39	0.0	36.0	54.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

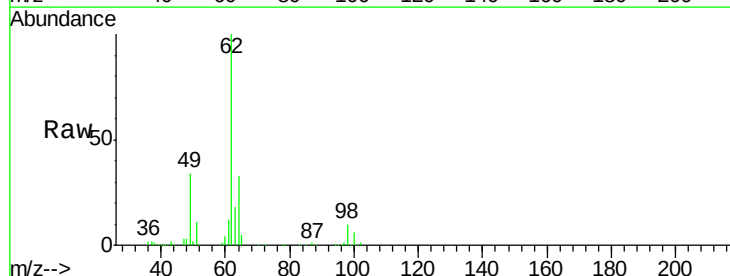


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

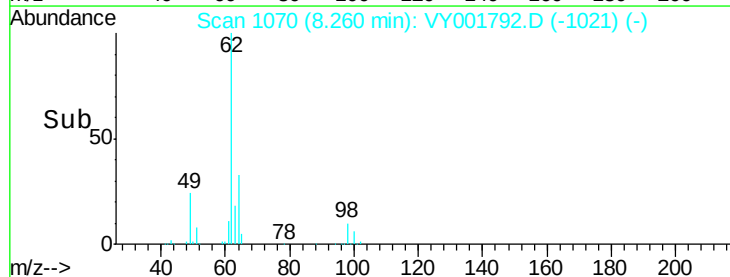
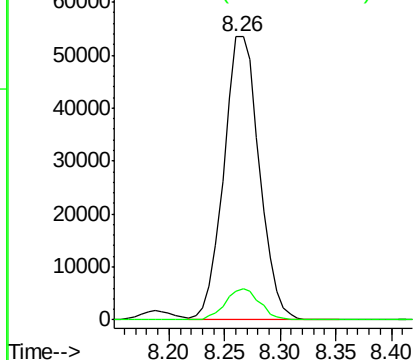


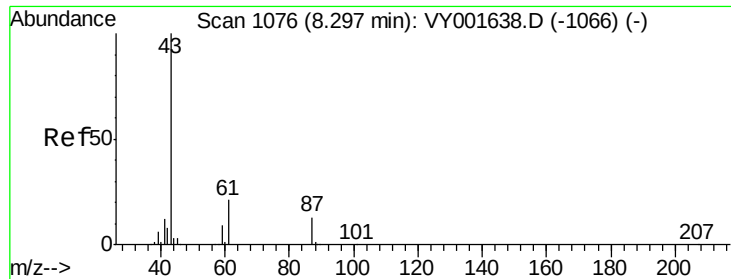
#42
1,2-Dichloroethane
Concen: 49.72 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion:	62	Resp:	118366
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	20.8



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0

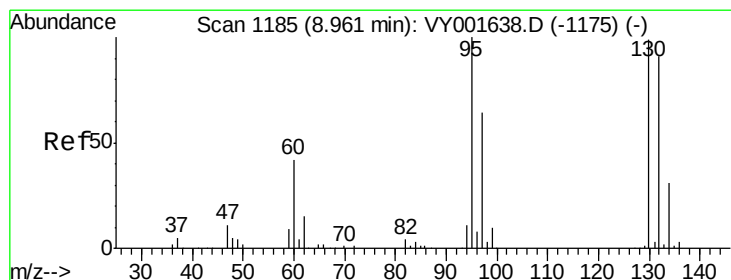
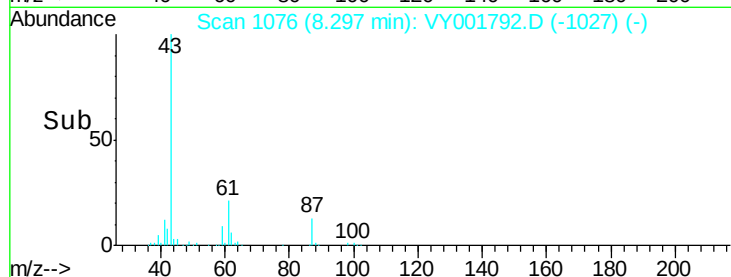
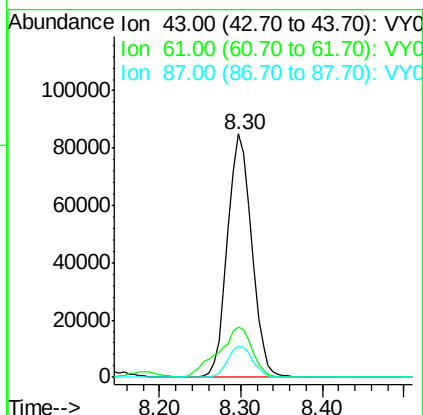
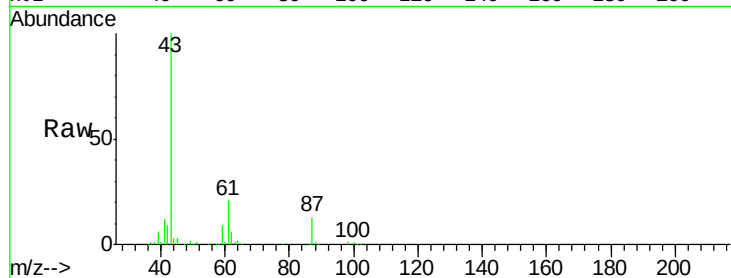




#43
Isopropyl Acetate
Concen: 51.66 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

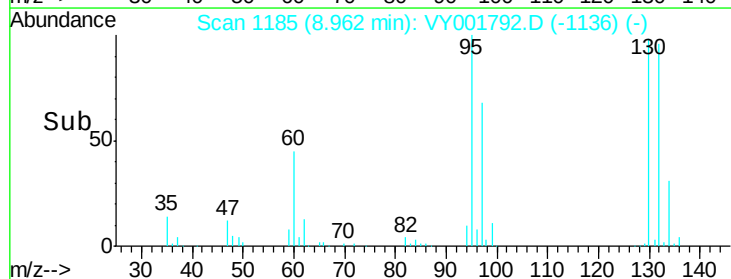
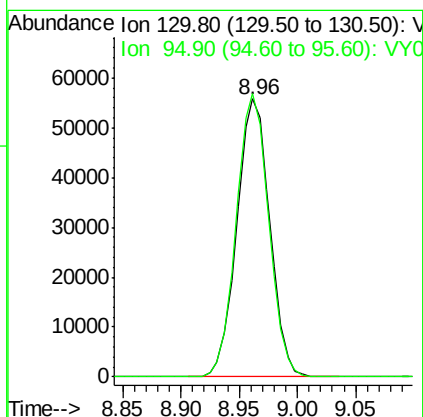
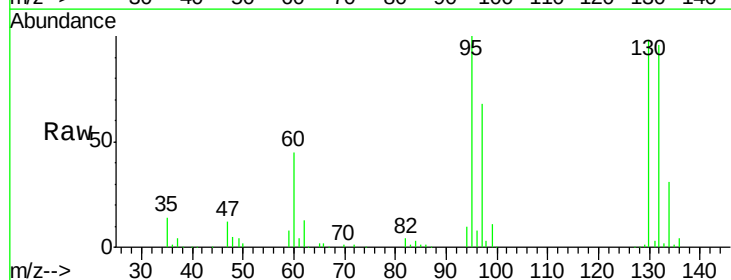
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

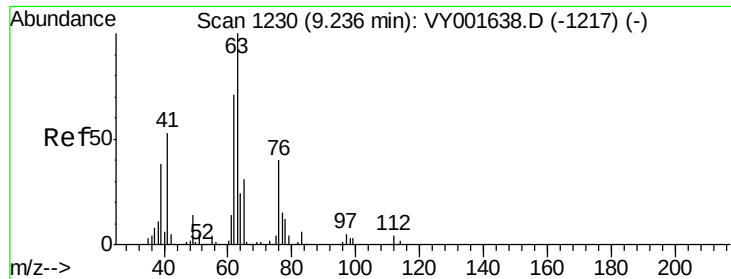
Tgt Ion: 43 Resp: 173847
Ion Ratio Lower Upper
43 100
61 29.0 23.0 34.4
87 13.0 10.7 16.1



#44
Trichloroethene
Concen: 50.42 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion: 130 Resp: 109988
Ion Ratio Lower Upper
130 100
95 101.9 0.0 200.6

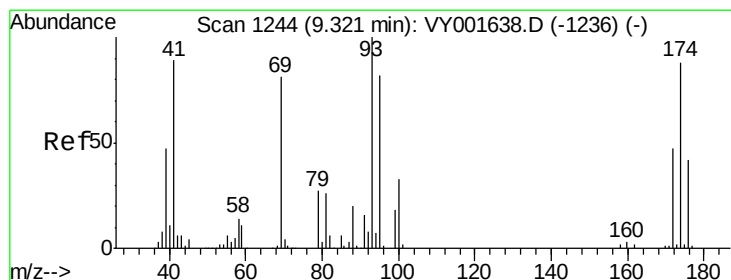
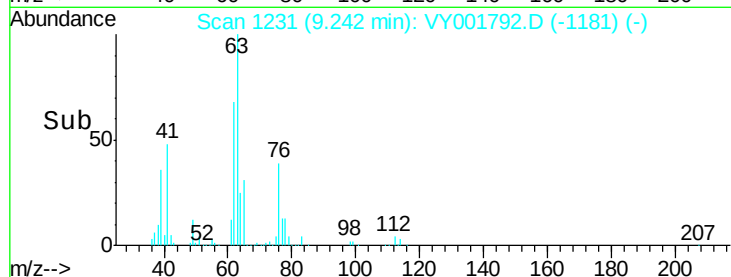
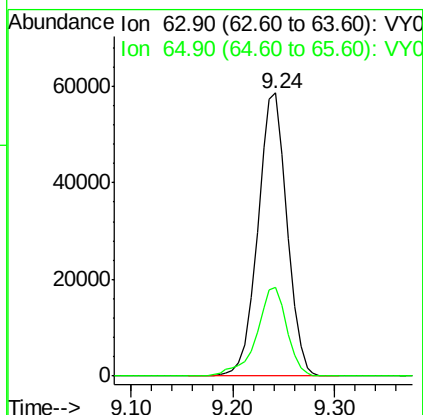
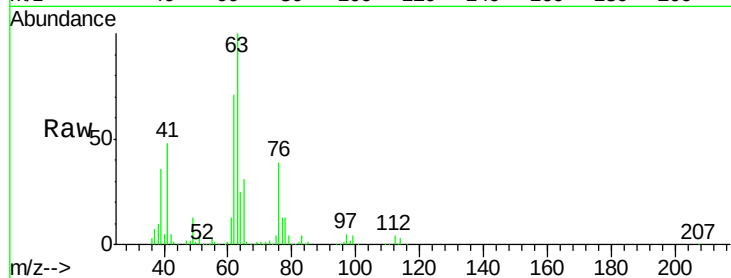




#45
 1,2-Dichloropropane
 Concen: 53.28 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

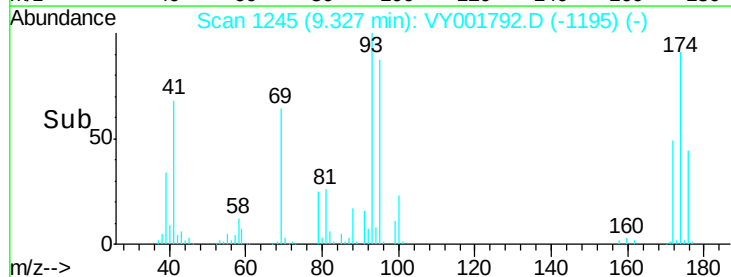
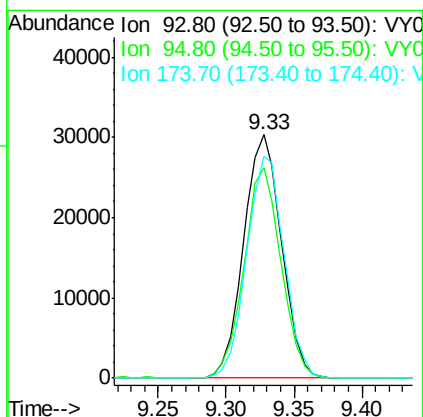
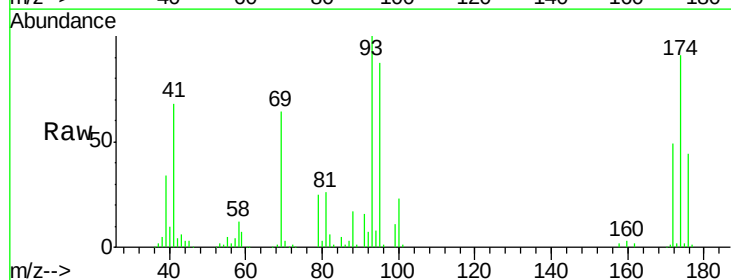
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

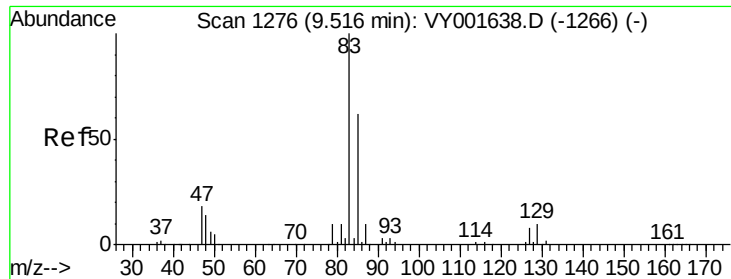
Tgt Ion: 63 Resp: 116598
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.6 37.0



#46
 Dibromomethane
 Concen: 51.67 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Tgt Ion: 93 Resp: 59152
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.1 99.1
 174 90.4 72.5 108.7

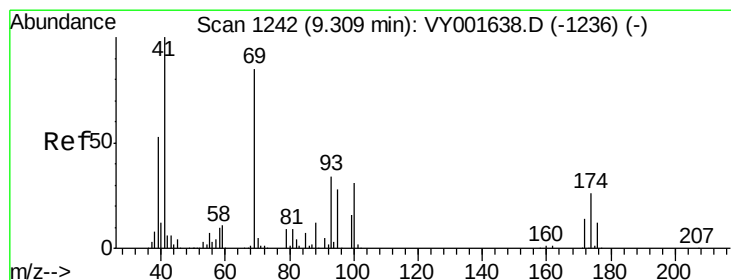
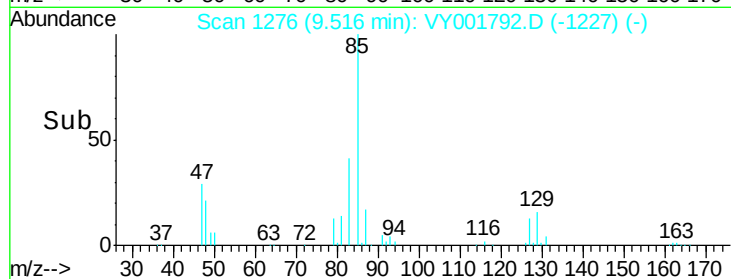
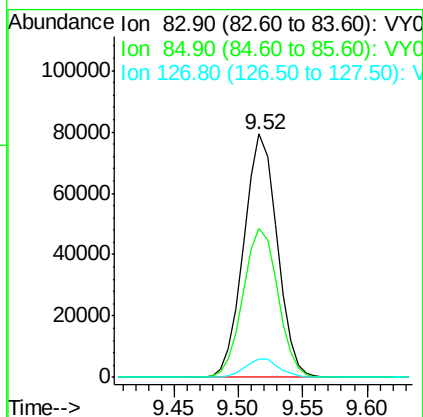
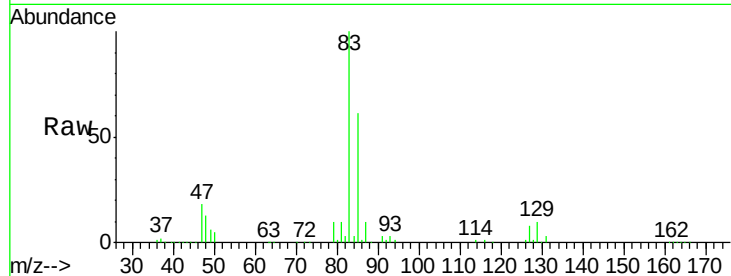




#47
 Bromodichloromethane
 Concen: 51.57 ug/l
 RT: 9.52 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

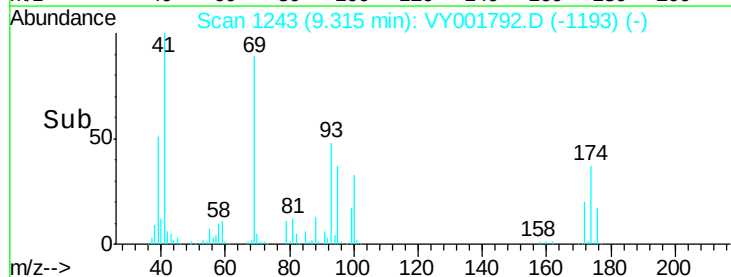
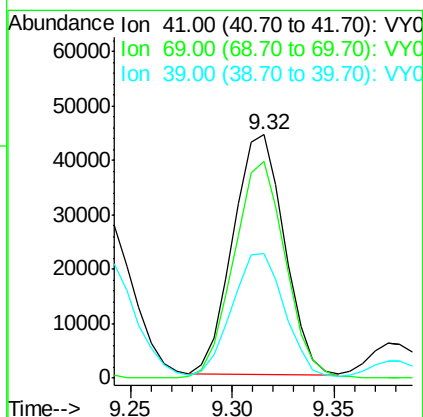
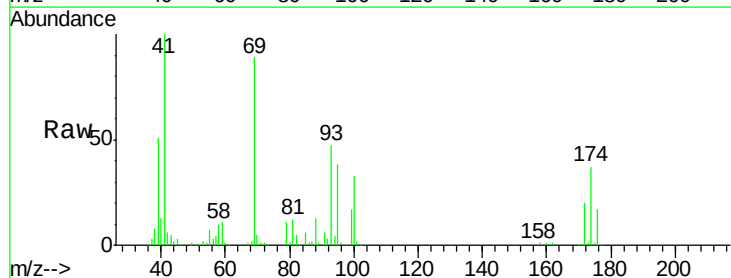
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

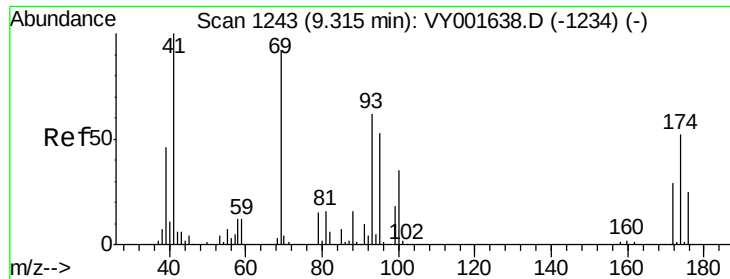
Tgt Ion: 83 Resp: 142470
 Ion Ratio Lower Upper
 83 100
 85 60.9 51.4 77.0
 127 7.7 6.4 9.6



#48
 Methyl methacrylate
 Concen: 50.83 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Tgt Ion: 41 Resp: 77359
 Ion Ratio Lower Upper
 41 100
 69 90.7 70.7 106.1
 39 51.9 42.2 63.2





#49

1,4-Dioxane

Concen: 973.22 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

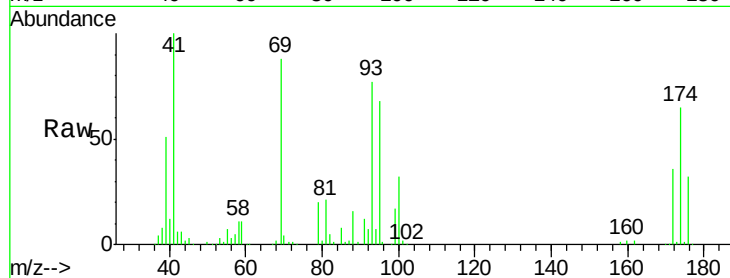
Tgt Ion: 88 Resp: 15735

Ion Ratio Lower Upper

88 100

43 32.9 23.1 34.7

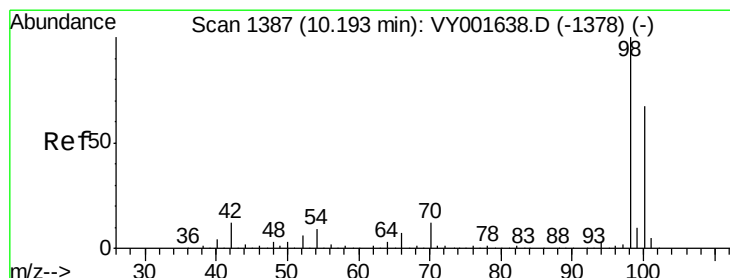
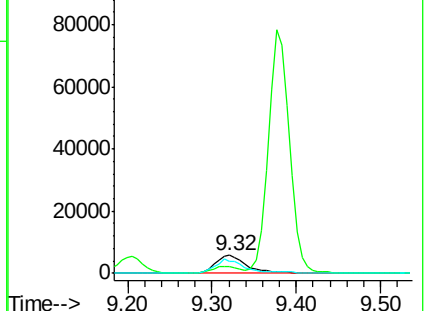
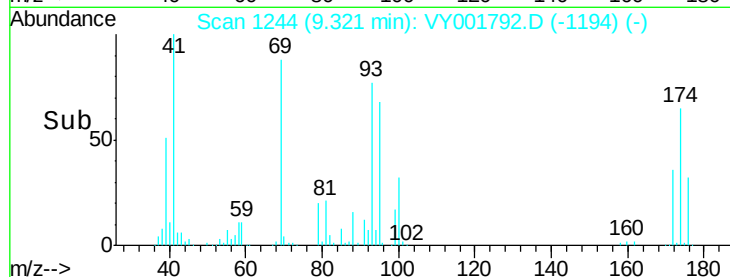
58 66.2 58.1 87.1



Abundance Ion 88.00 (87.70 to 88.70): VY001792.D (-1194) (-)

Ion 43.00 (42.70 to 43.70): VY001792.D (-1194) (-)

Ion 58.00 (57.70 to 58.70): VY001792.D (-1194) (-)



#50

Toluene-d8

Concen: 55.16 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001792.D

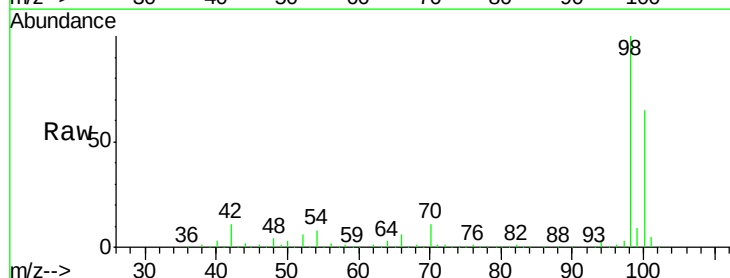
Acq: 28 Feb 2020 09:51

Tgt Ion: 98 Resp: 385060

Ion Ratio Lower Upper

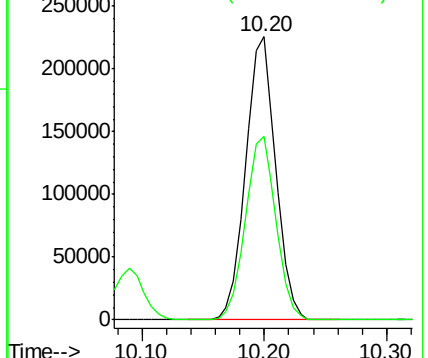
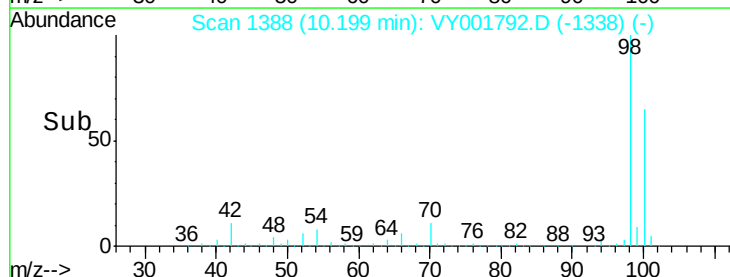
98 100

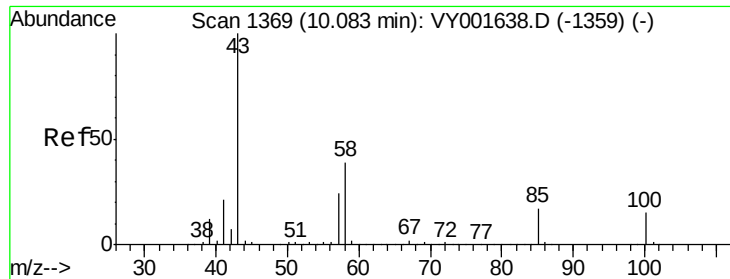
100 65.7 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001792.D (-1338) (-)

Ion 100.00 (99.70 to 100.70): VY001792.D (-1338) (-)

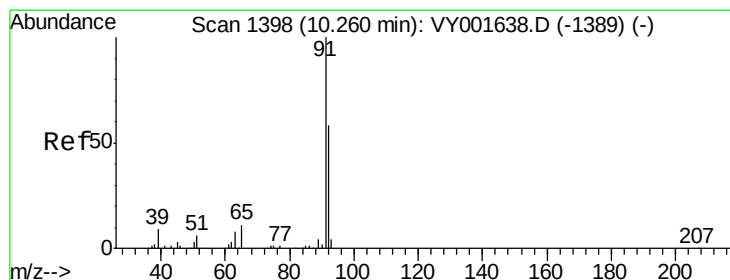
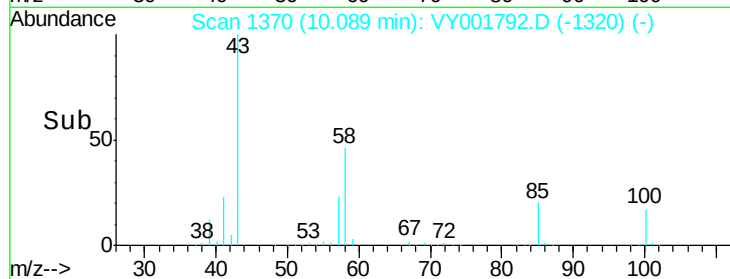
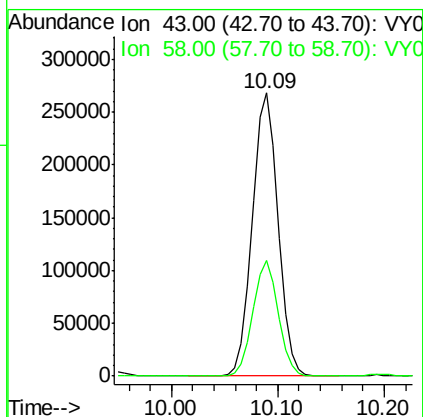
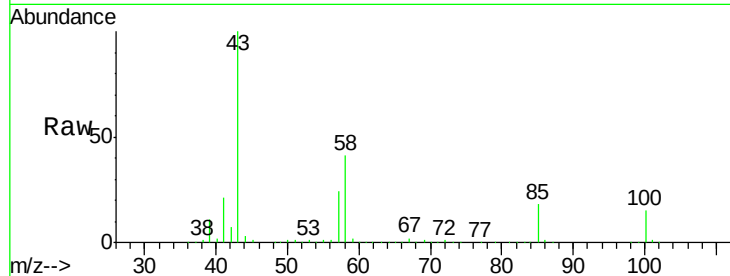




#51
 4-Methyl-2-Pentanone
 Concen: 263.41 ug/l
 RT: 10.09 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

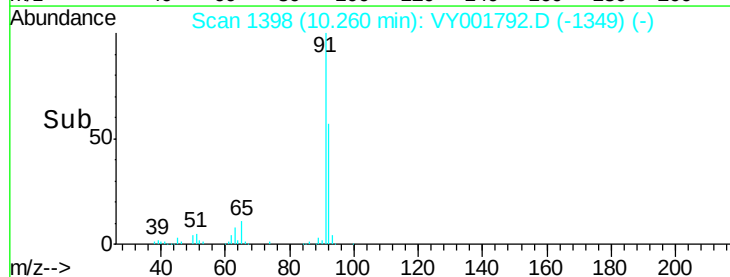
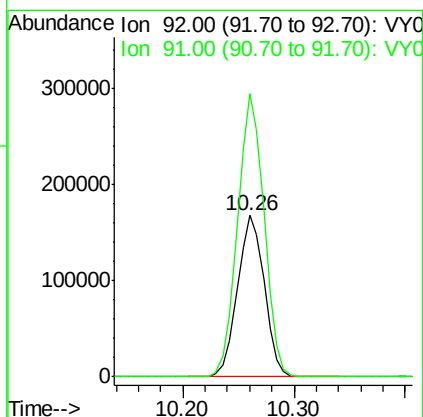
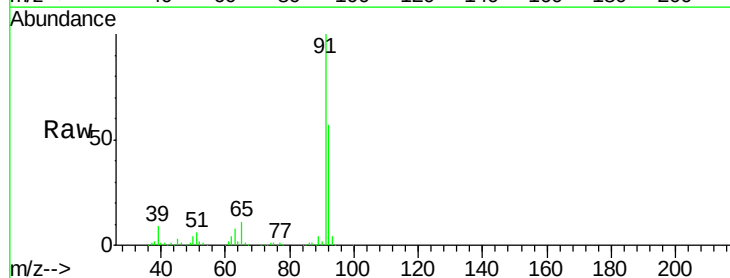
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

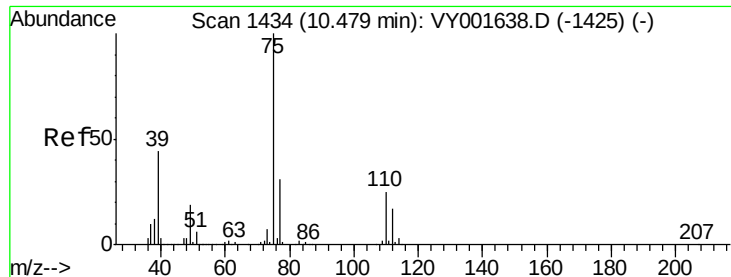
Tgt Ion: 43 Resp: 455403
 Ion Ratio Lower Upper
 43 100
 58 40.3 32.2 48.4



#52
 Toluene
 Concen: 51.11 ug/l
 RT: 10.26 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Tgt Ion: 92 Resp: 278591
 Ion Ratio Lower Upper
 92 100
 91 173.5 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 51.84 ug/l

RT: 10.49 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Instrument :

MSVOA_Y

ClientSampled :

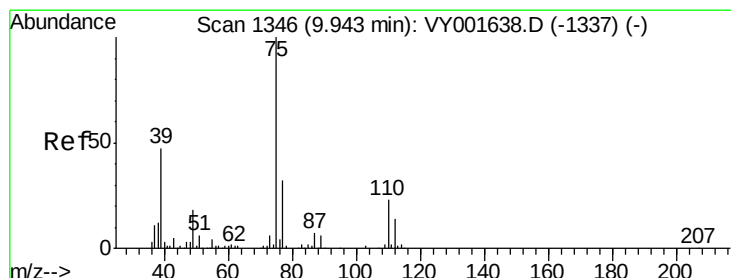
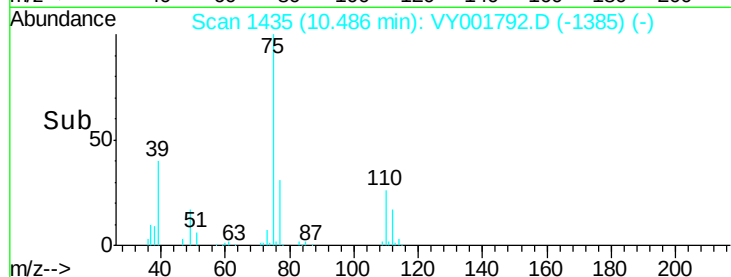
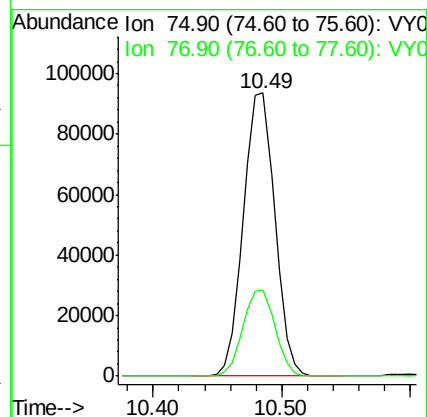
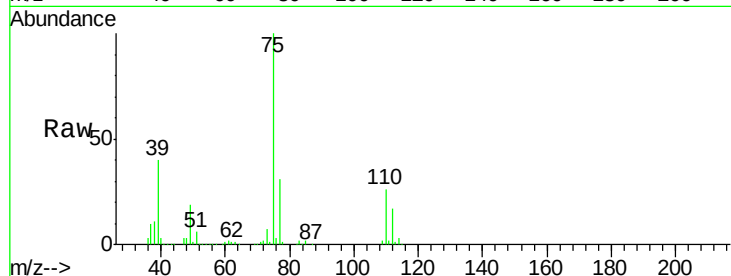
VSTDCCC050

Tgt Ion: 75 Resp: 158320

Ion Ratio Lower Upper

75 100

77 30.7 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 51.63 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

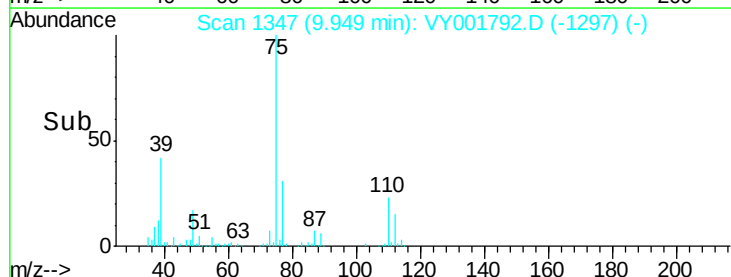
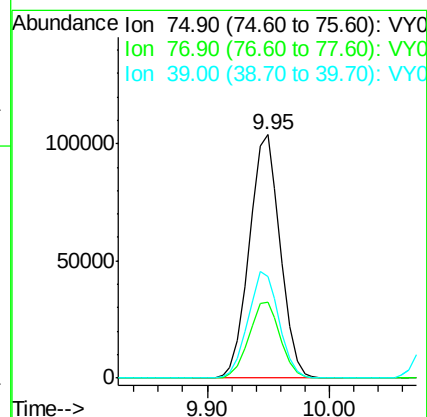
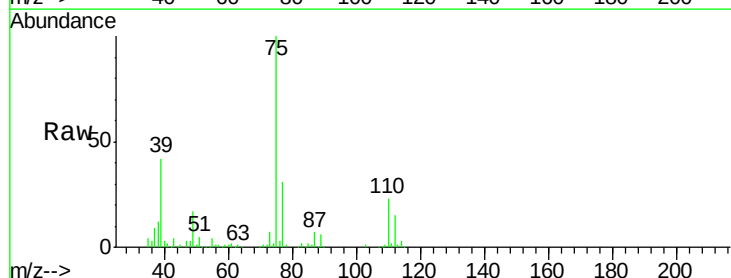
Tgt Ion: 75 Resp: 181502

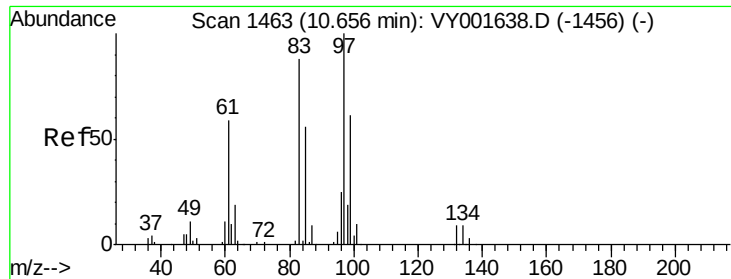
Ion Ratio Lower Upper

75 100

77 31.0 25.7 38.5

39 42.0 35.7 53.5

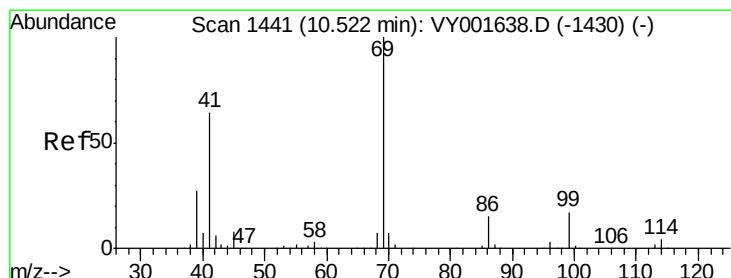
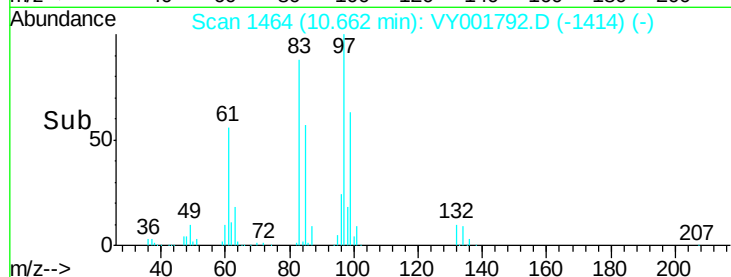
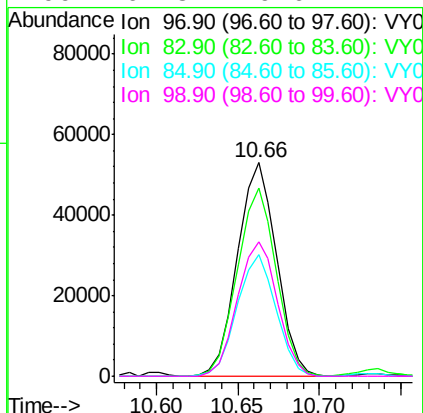
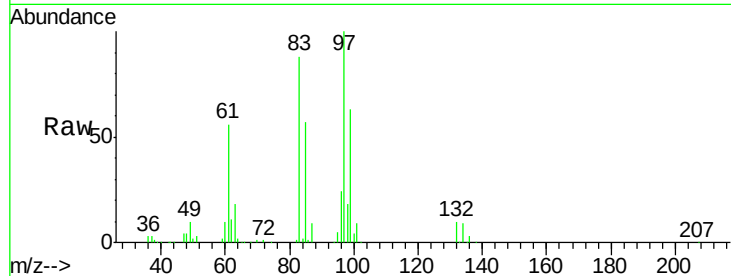




#55
 1,1,2-Trichloroethane
 Concen: 52.35 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

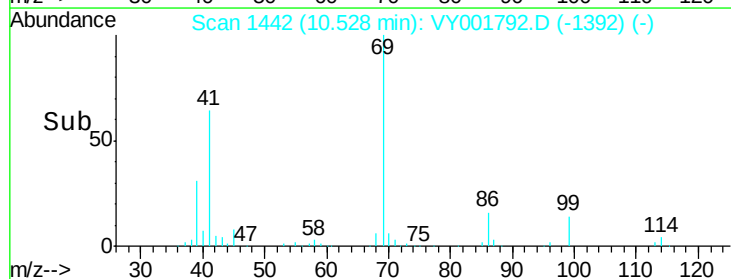
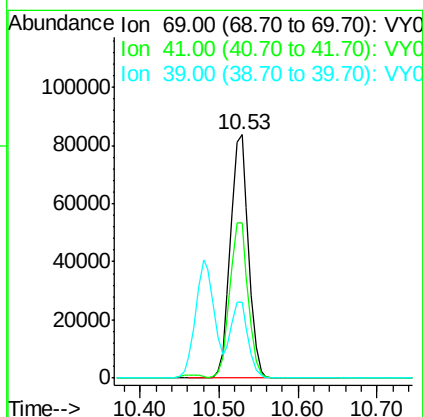
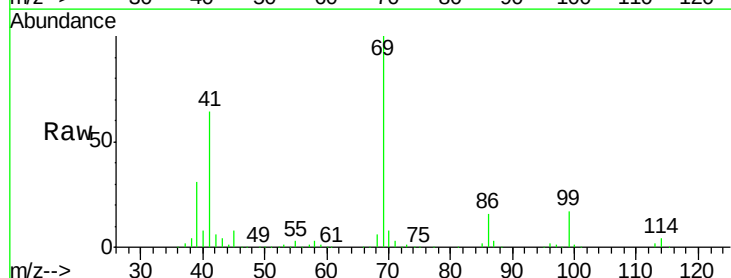
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

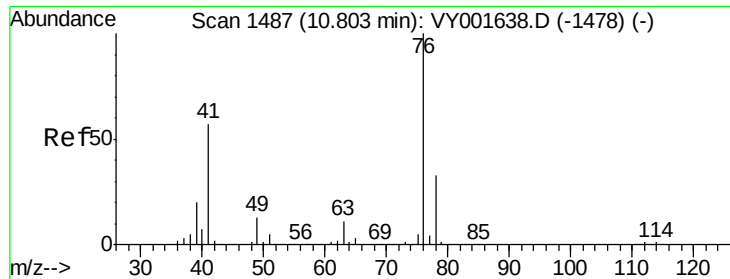
Tgt Ion: 97 Resp: 88368
 Ion Ratio Lower Upper
 97 100
 83 88.3 69.7 104.5
 85 56.8 44.5 66.7
 99 62.8 49.6 74.4



#56
 Ethyl methacrylate
 Concen: 52.63 ug/l
 RT: 10.53 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Tgt Ion: 69 Resp: 133264
 Ion Ratio Lower Upper
 69 100
 41 64.7 51.0 76.4
 39 30.7 24.7 37.1

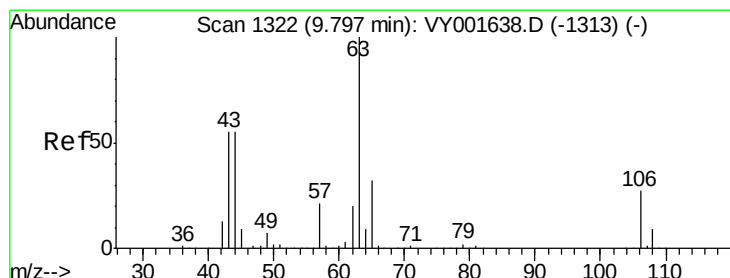
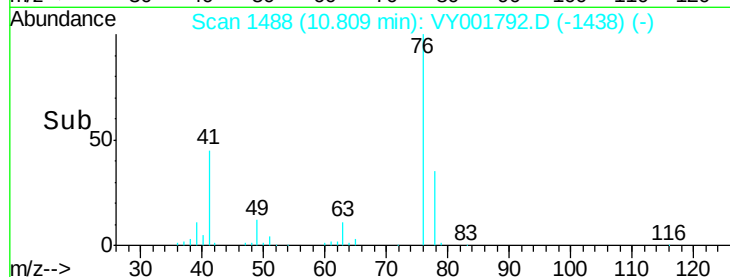
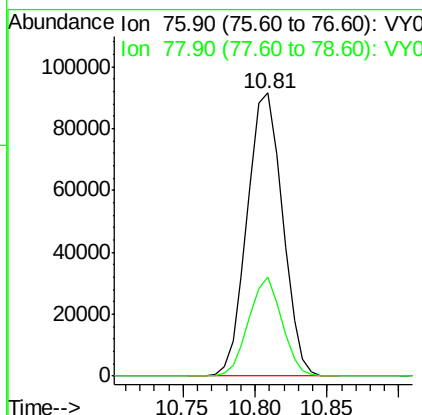
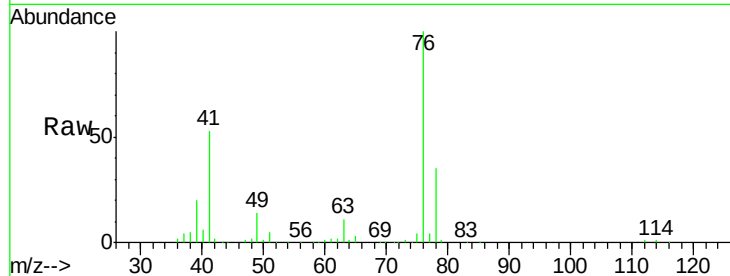




#57
 1,3-Dichloropropane
 Concen: 52.01 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

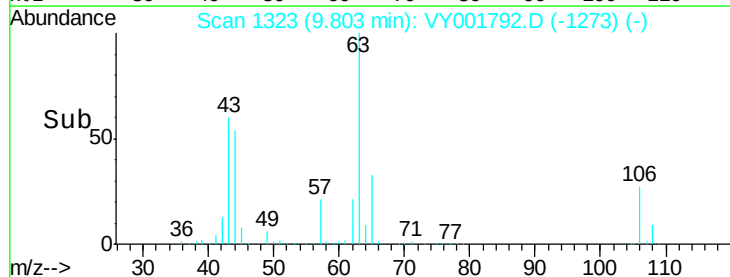
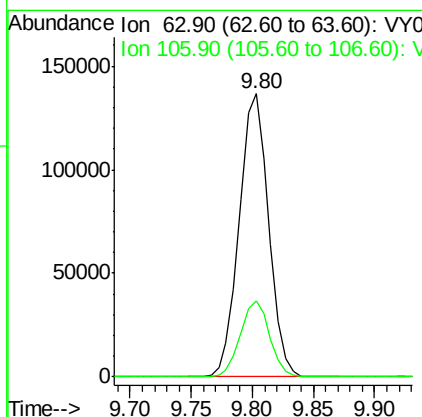
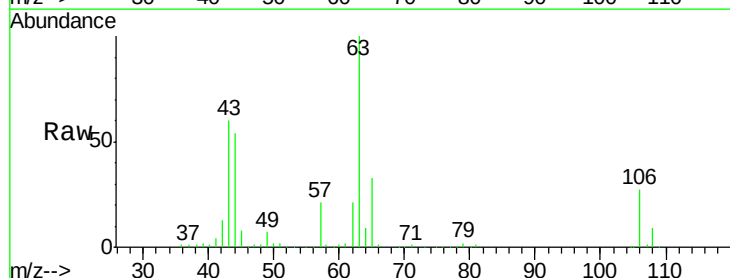
Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDCCC050

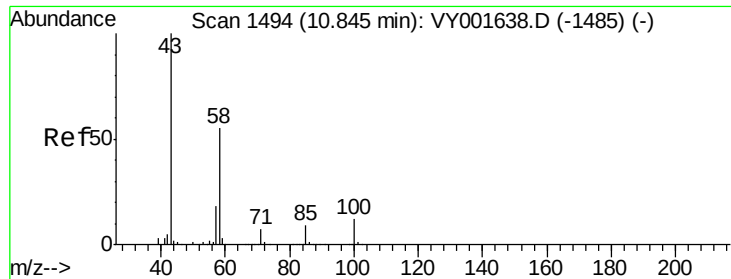
Tgt Ion: 76 Resp: 155977
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.74 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Tgt Ion: 63 Resp: 227293
 Ion Ratio Lower Upper
 63 100
 106 26.7 21.6 32.4

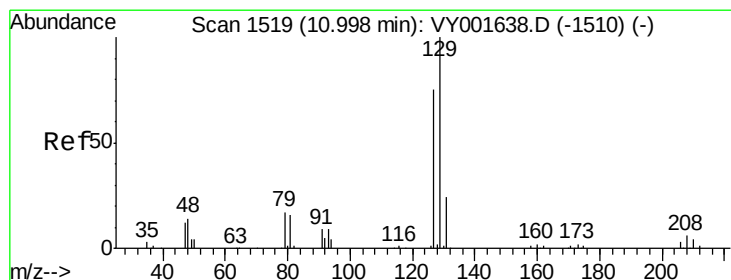
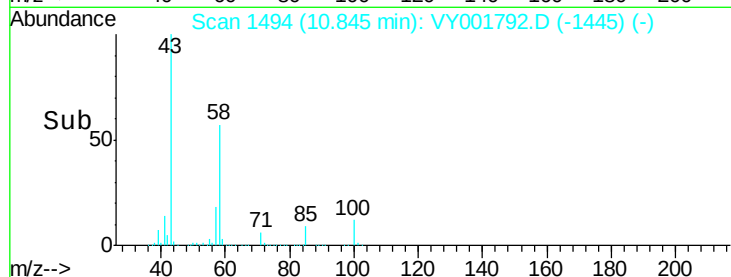
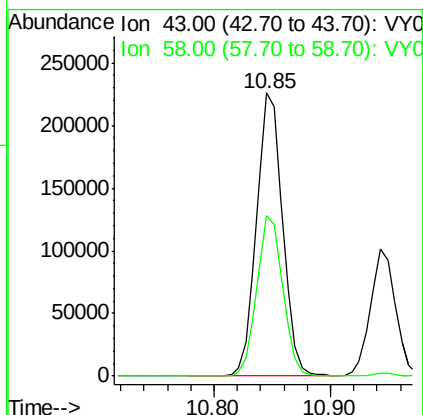
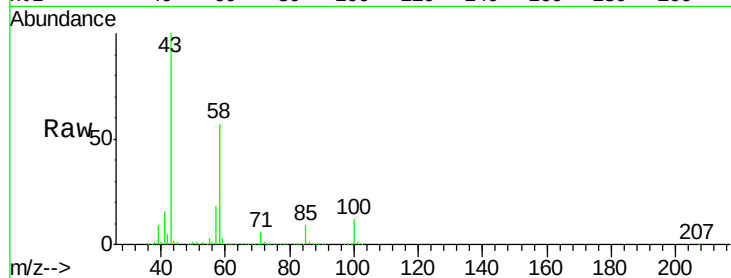




#59
2-Hexanone
Concen: 273.74 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

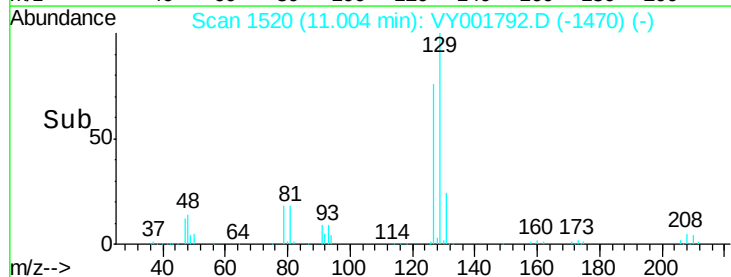
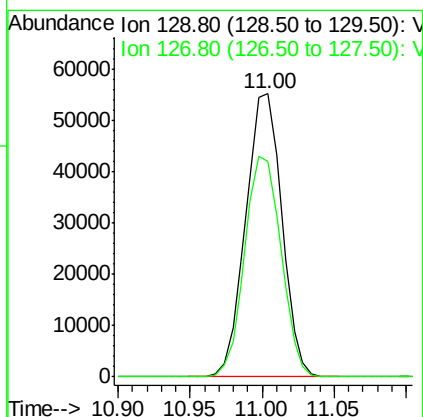
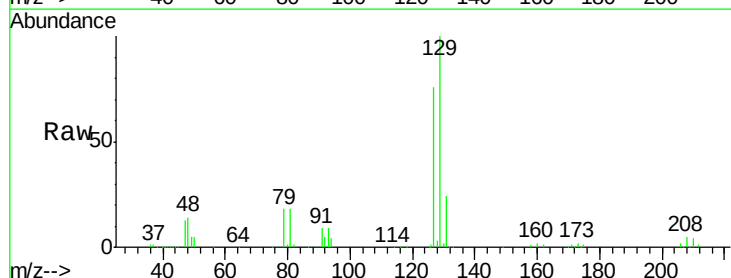
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

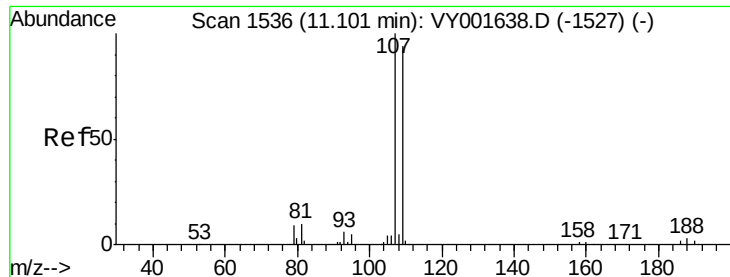
Tgt Ion: 43 Resp: 355099
Ion Ratio Lower Upper
43 100
58 56.5 28.4 85.2



#60
Dibromochloromethane
Concen: 51.45 ug/l
RT: 11.00 min Scan# 1520
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion: 129 Resp: 95749
Ion Ratio Lower Upper
129 100
127 78.4 38.9 116.6

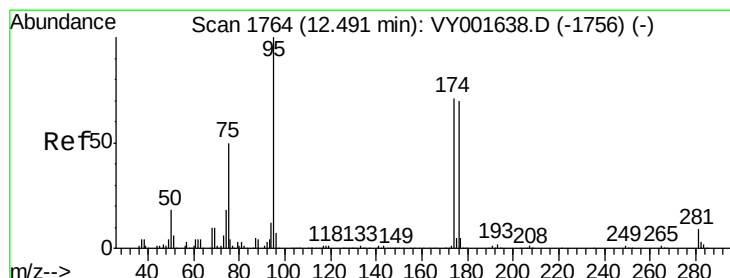
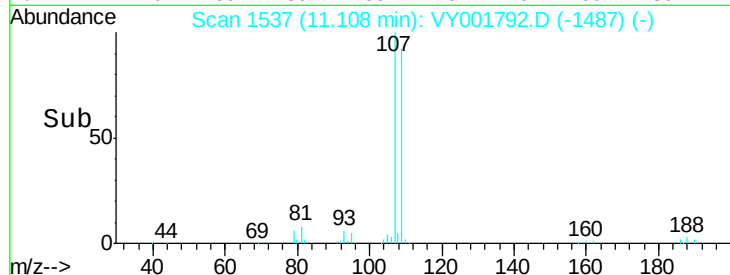
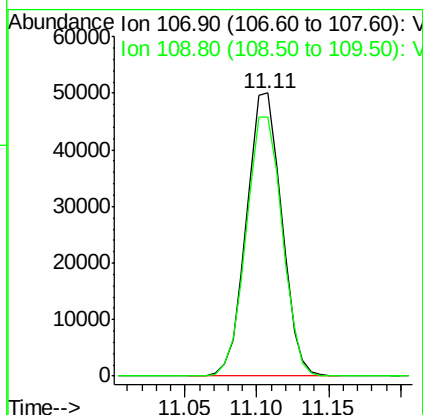
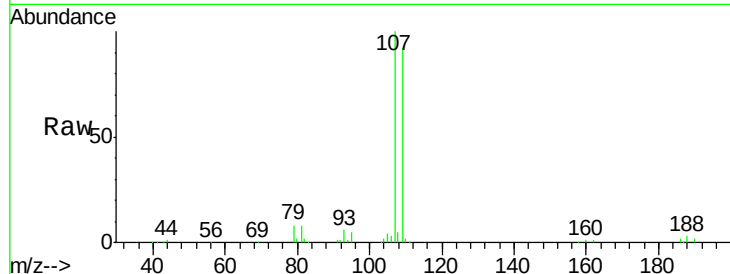




#61
 1,2-Dibromoethane
 Concen: 52.93 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

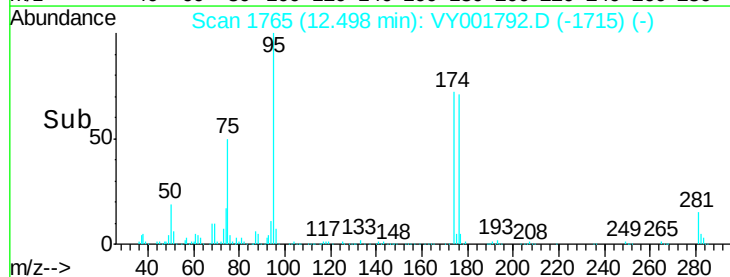
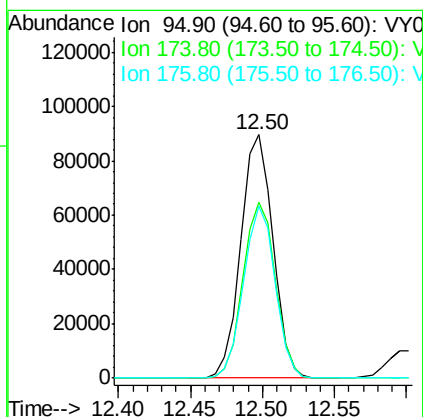
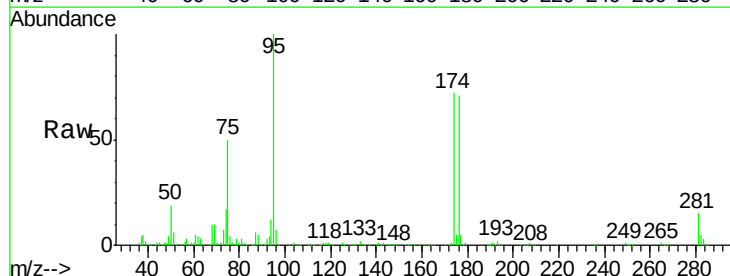
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

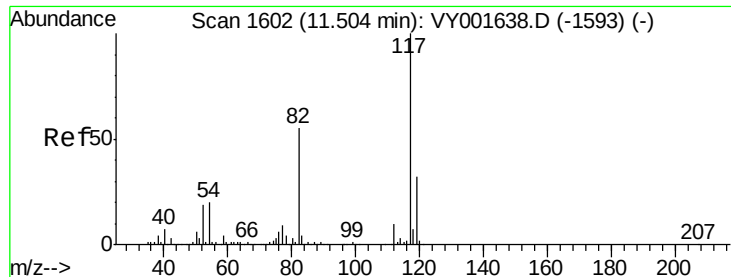
Tgt Ion: 107 Resp: 84468
 Ion Ratio Lower Upper
 107 100
 109 94.0 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 51.12 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Tgt Ion: 95 Resp: 138635
 Ion Ratio Lower Upper
 95 100
 174 72.5 0.0 138.4
 176 69.1 0.0 131.8

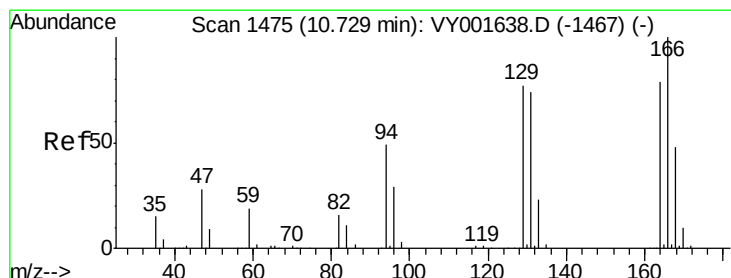
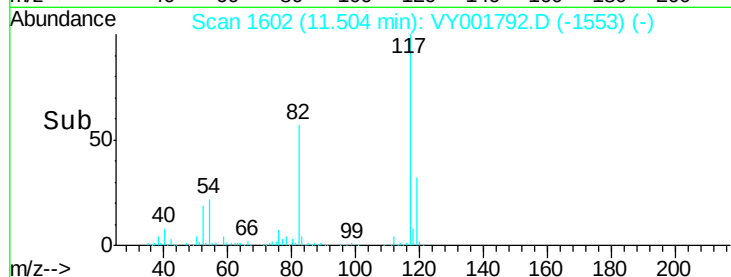
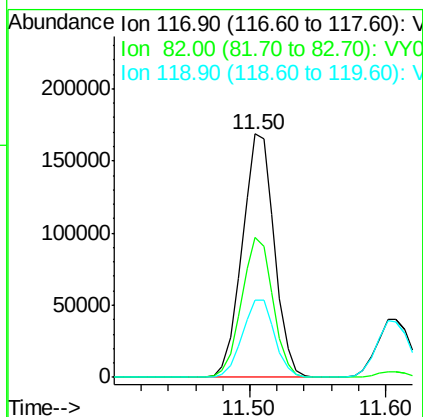
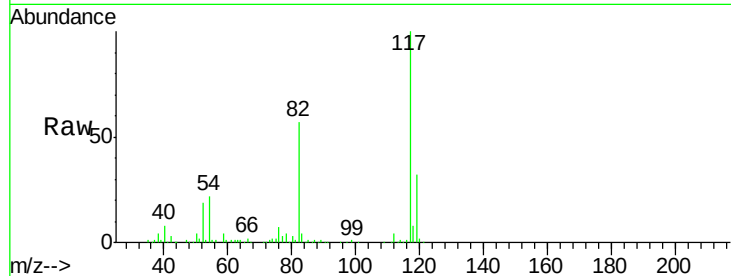




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

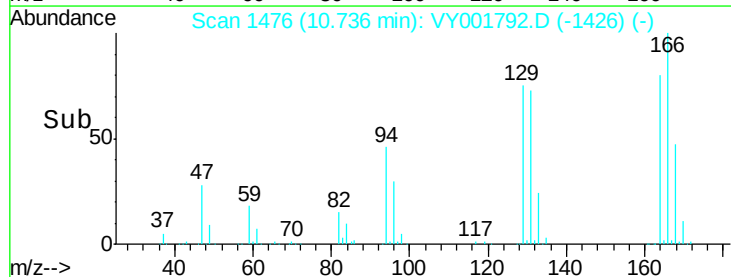
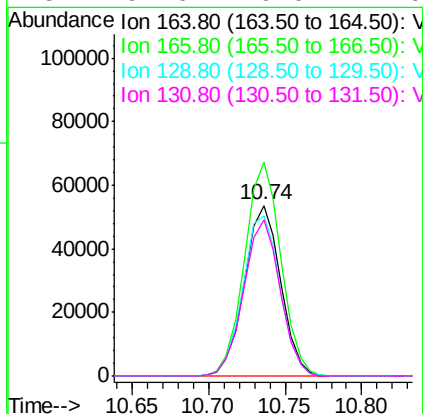
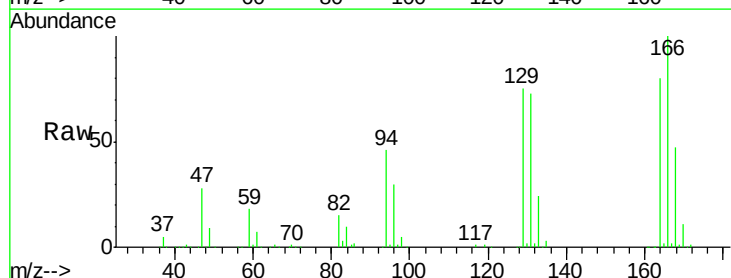
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

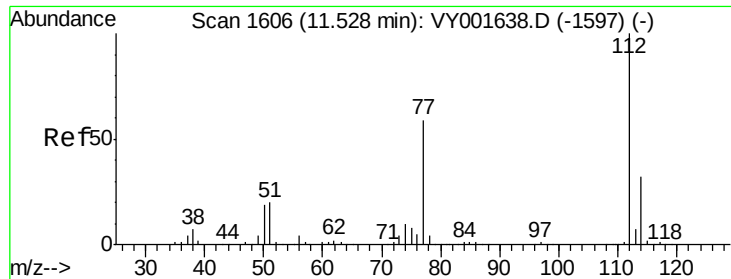
Tgt Ion:117 Resp: 276850
Ion Ratio Lower Upper
117 100
82 57.4 45.5 68.3
119 31.6 25.8 38.6



#64
Tetrachloroethene
Concen: 50.89 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion:164 Resp: 88439
Ion Ratio Lower Upper
164 100
166 125.2 101.4 152.0
129 93.9 78.7 118.1
131 91.6 76.0 114.0

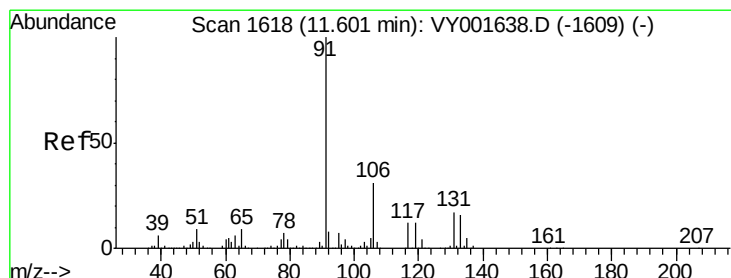
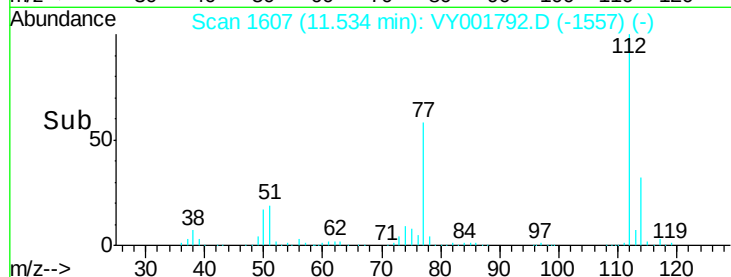
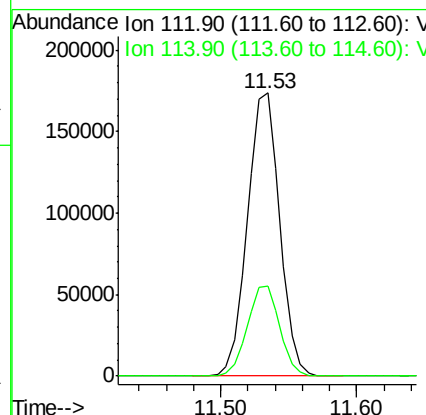
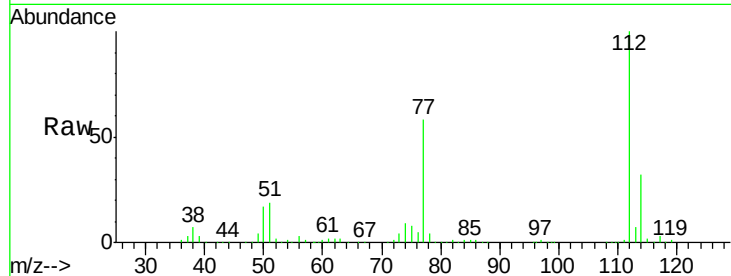




#65
Chlorobenzene
Concen: 52.09 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

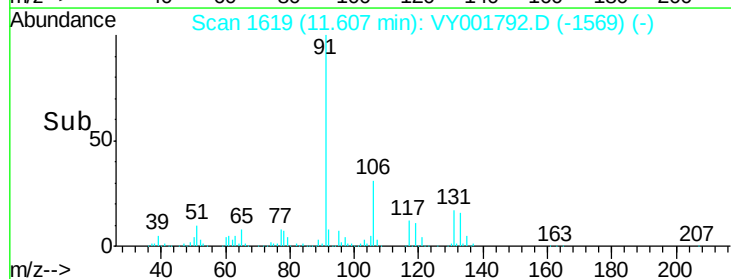
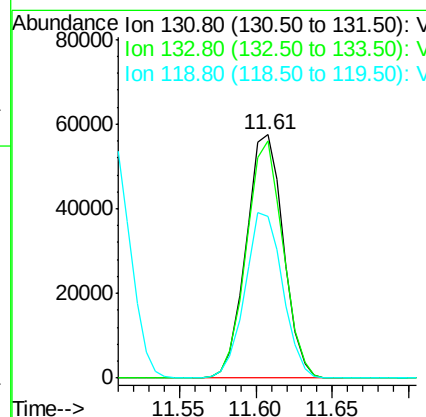
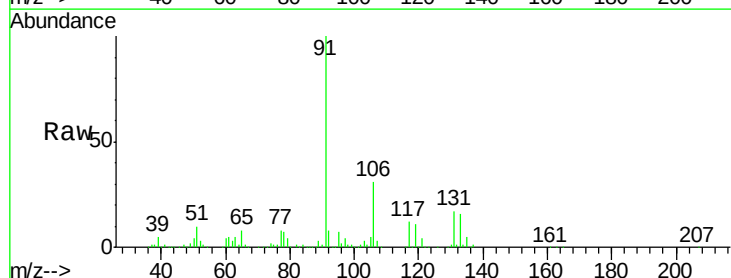
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

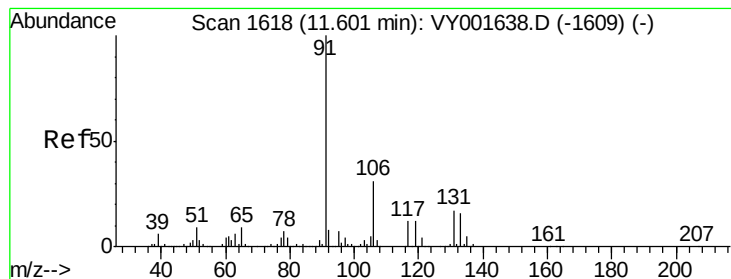
Tgt Ion:112 Resp: 287933
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.16 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion:131 Resp: 97252
Ion Ratio Lower Upper
131 100
133 95.9 47.4 142.2
119 68.8 34.4 103.1





#67

Ethyl Benzene

Concen: 52.25 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Instrument :

MSVOA_Y

ClientSampleId :

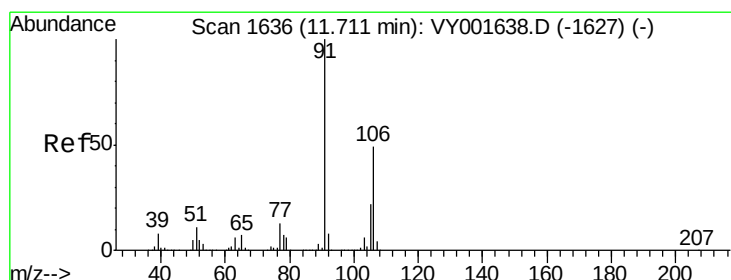
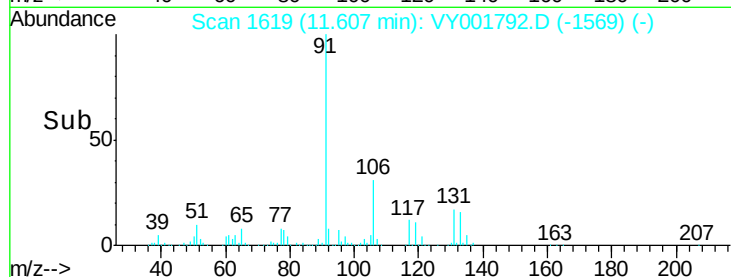
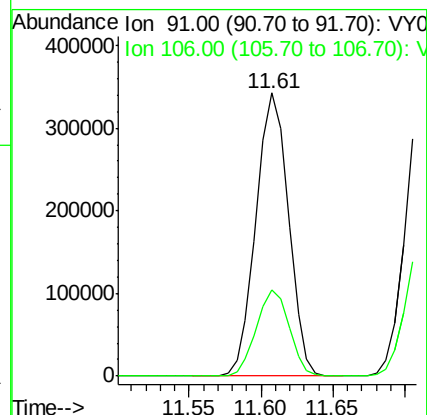
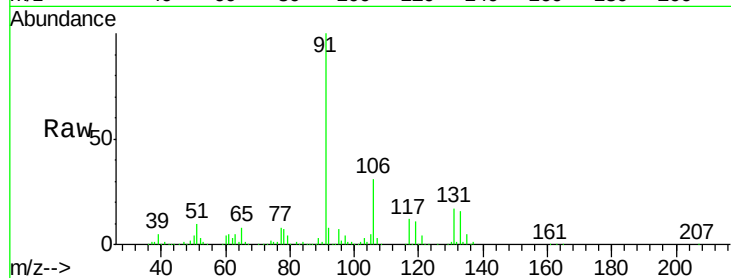
VSTDCCC050

Tgt Ion: 91 Resp: 535947

Ion Ratio Lower Upper

91 100

106 30.7 24.5 36.7



#68

m/p-Xylenes

Concen: 103.87 ug/l

RT: 11.72 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VY001792.D

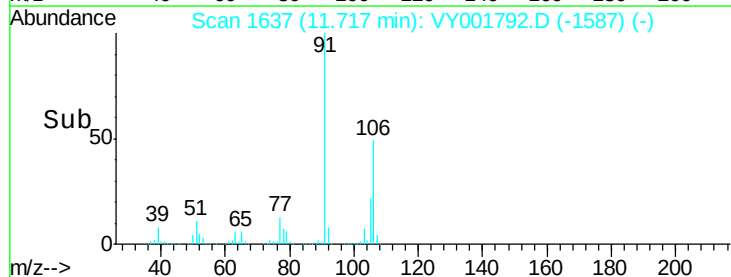
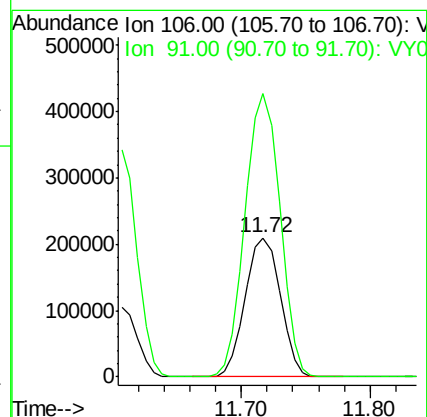
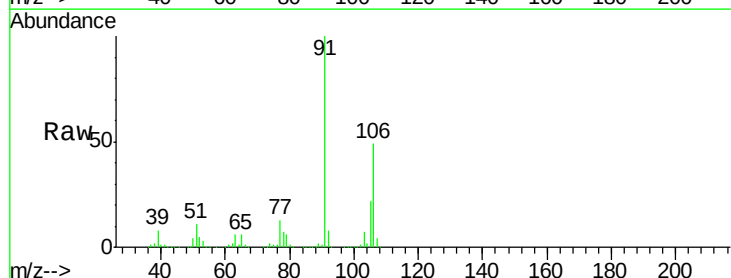
Acq: 28 Feb 2020 09:51

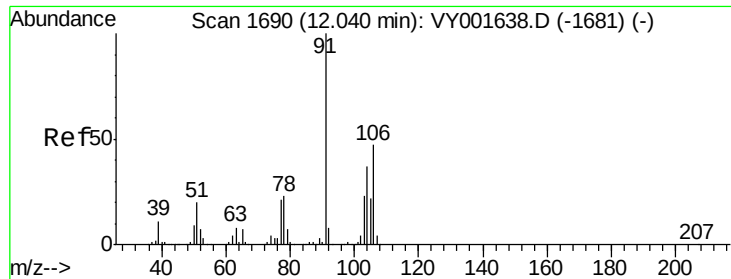
Tgt Ion: 106 Resp: 397988

Ion Ratio Lower Upper

106 100

91 201.9 163.3 244.9

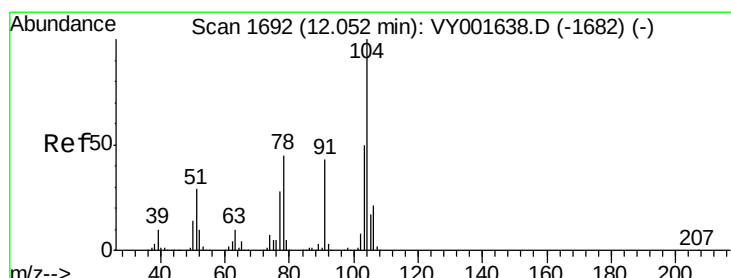
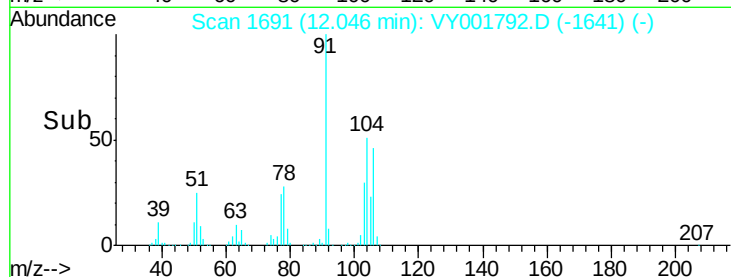
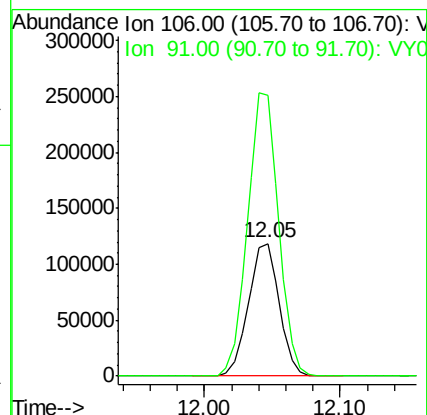
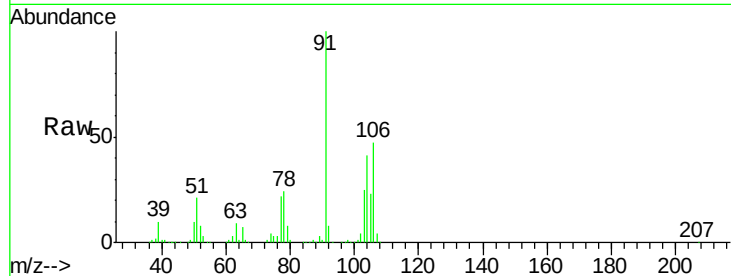




#69
o-Xylene
Concen: 51.69 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

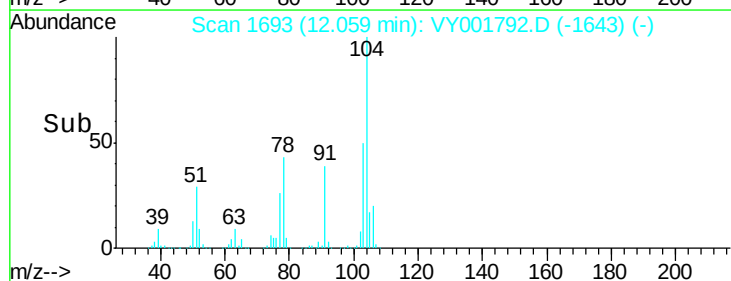
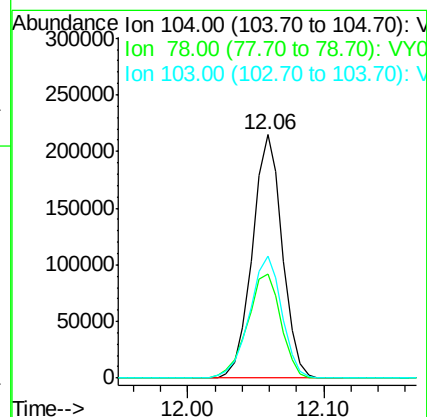
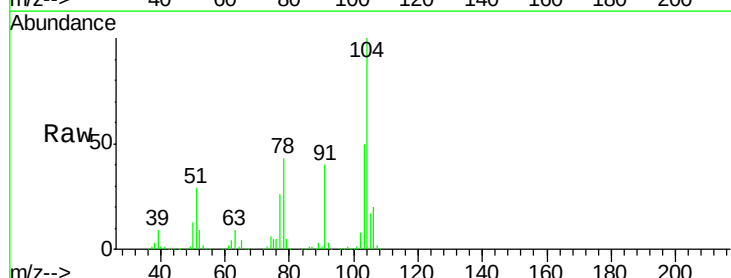
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

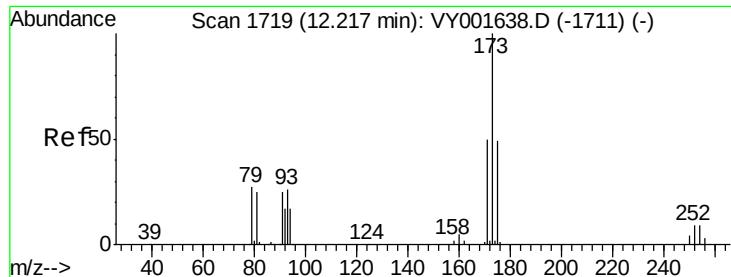
Tgt Ion:106 Resp: 188307
Ion Ratio Lower Upper
106 100
91 213.9 108.3 324.9



#70
Styrene
Concen: 52.22 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion:104 Resp: 330614
Ion Ratio Lower Upper
104 100
78 47.8 39.2 58.8
103 54.1 43.0 64.6





#71

Bromoform

Concen: 52.77 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

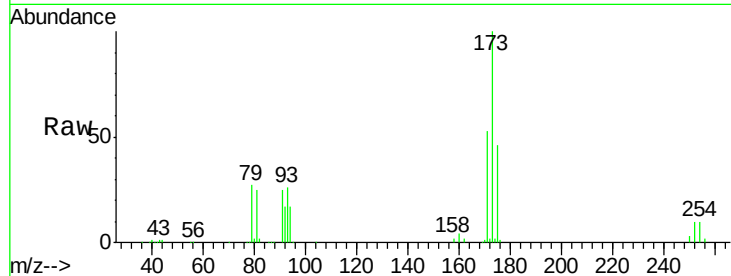
Tgt Ion:173 Resp: 56231

Ion Ratio Lower Upper

173 100

175 47.3 24.3 73.0

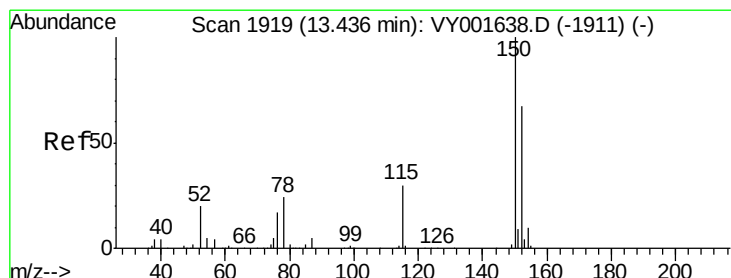
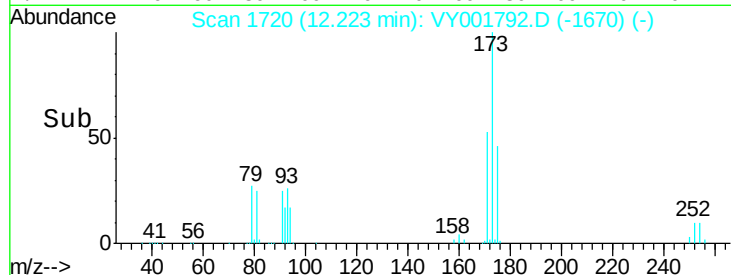
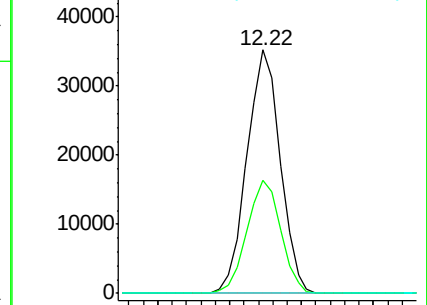
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

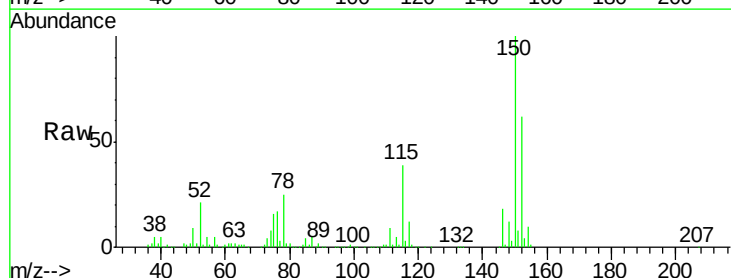
Tgt Ion:152 Resp: 130812

Ion Ratio Lower Upper

152 100

115 61.0 31.4 94.2

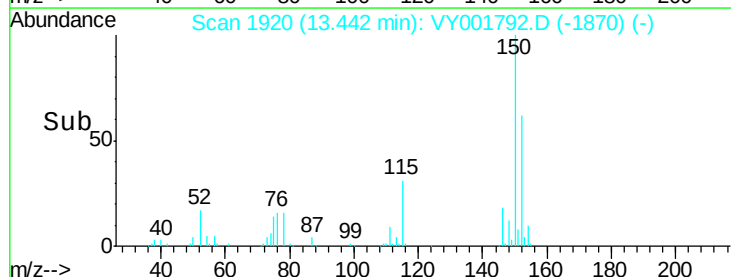
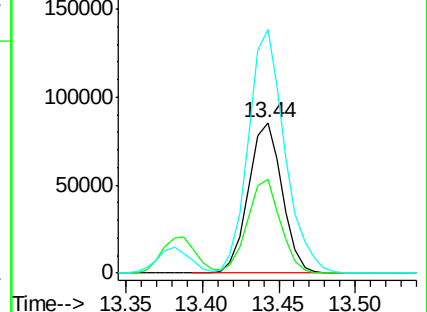
150 175.0 0.0 407.2

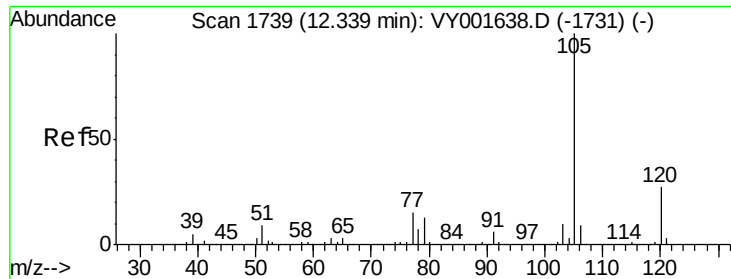


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.91 ug/l

RT: 12.35 min Scan# 1740

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Instrument :

MSVOA_Y

ClientSampleId :

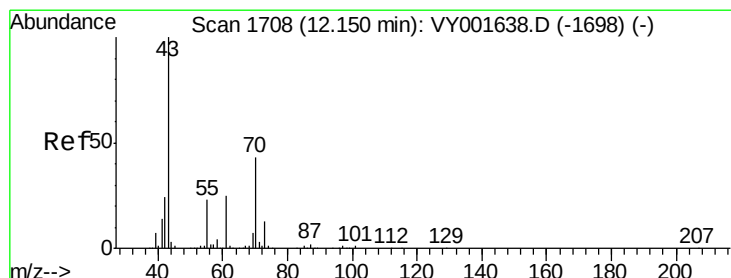
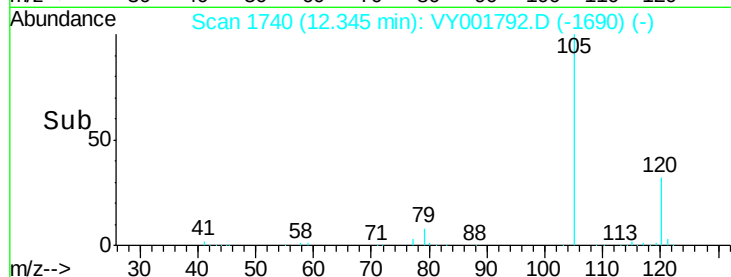
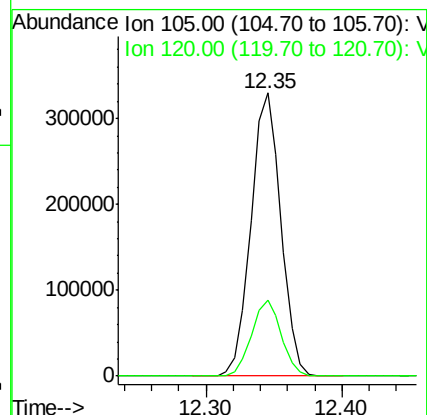
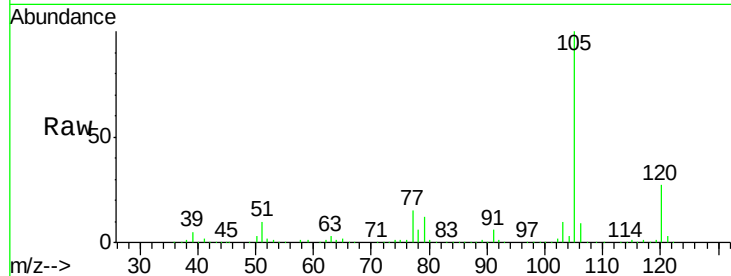
VSTDCCC050

Tgt Ion:105 Resp: 507350

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.1



#74

N-amyI acetate

Concen: 50.20 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Tgt Ion: 43 Resp: 159668

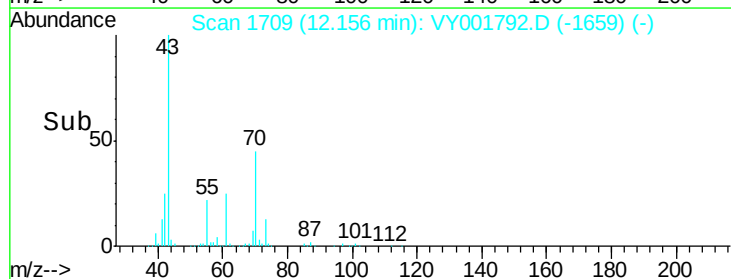
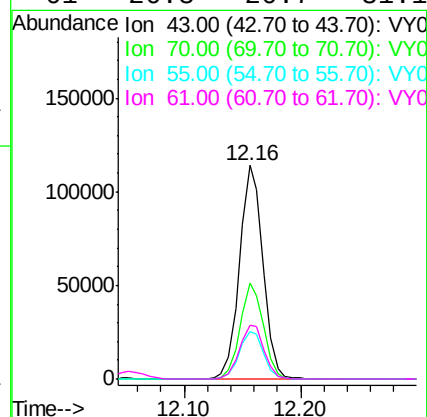
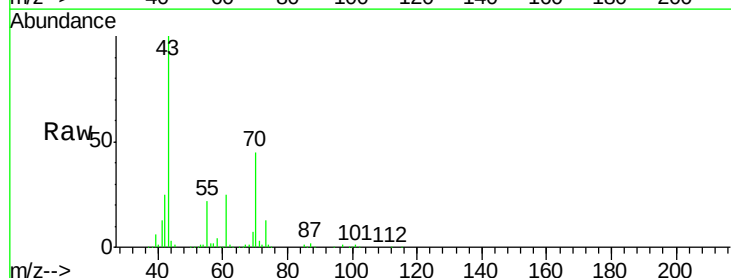
Ion Ratio Lower Upper

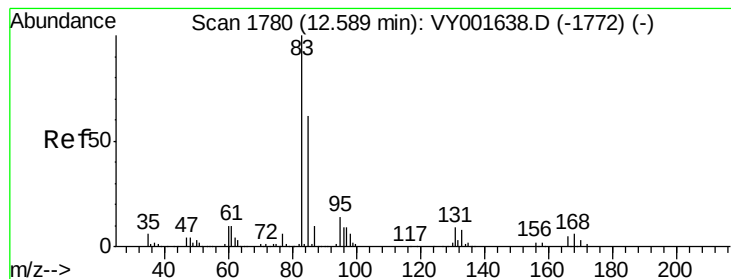
43 100

70 44.5 35.9 53.9

55 23.1 18.3 27.5

61 26.3 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 53.49 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

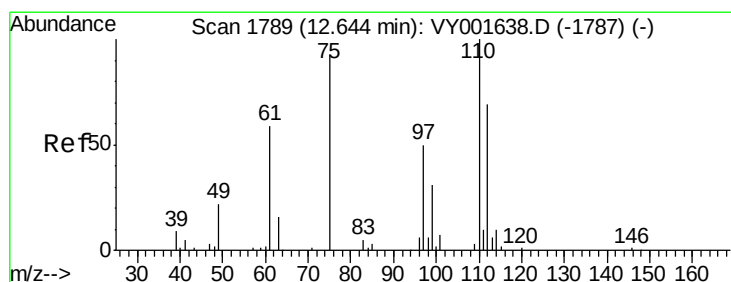
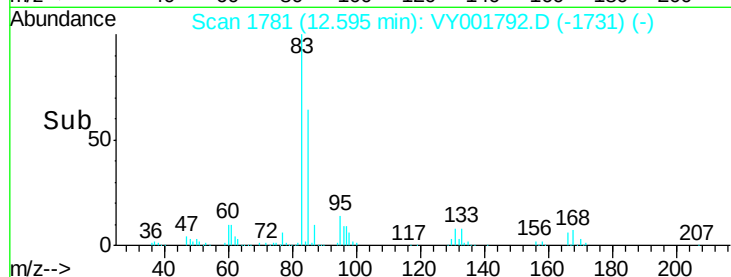
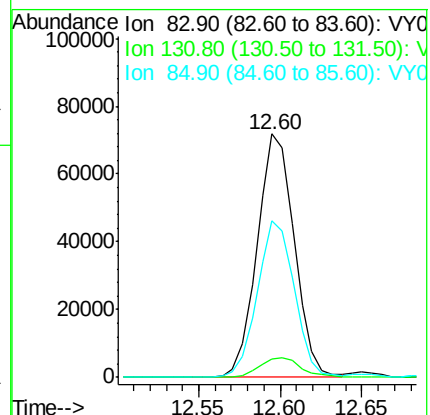
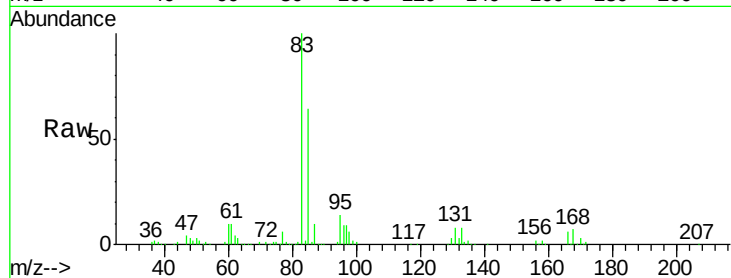
Tgt Ion: 83 Resp: 113827

Ion Ratio Lower Upper

83 100

131 9.1 4.7 14.1

85 64.1 31.6 94.7



#76

1,2,3-Trichloropropane

Concen: 97.50 ug/l

RT: 12.65 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VY001792.D

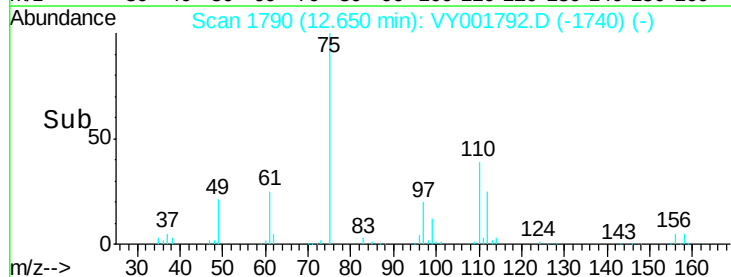
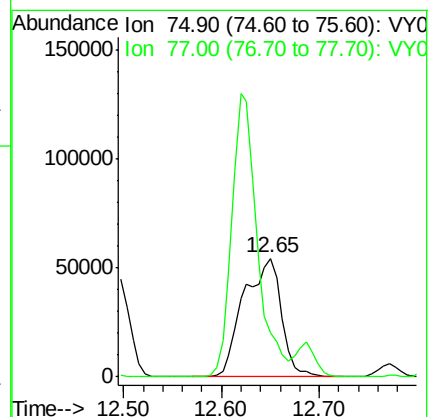
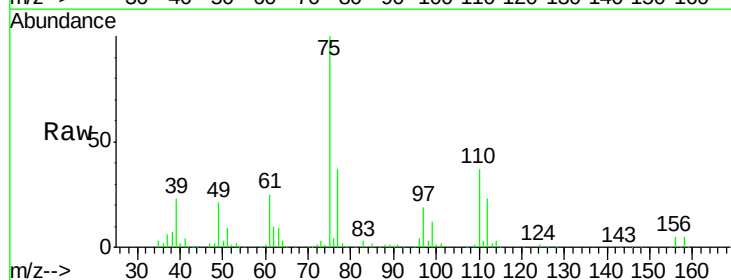
Acq: 28 Feb 2020 09:51

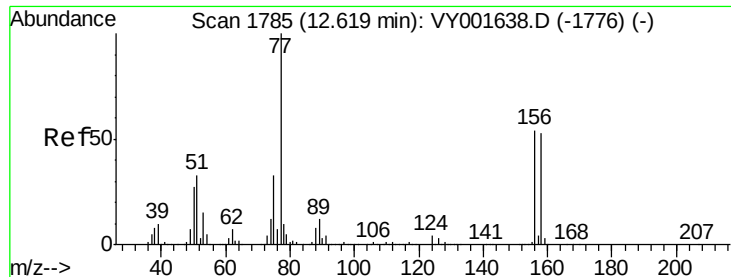
Tgt Ion: 75 Resp: 146305

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

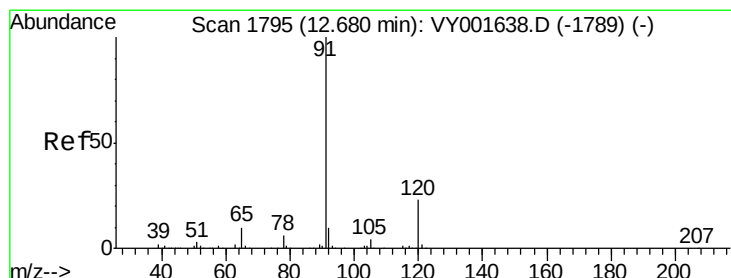
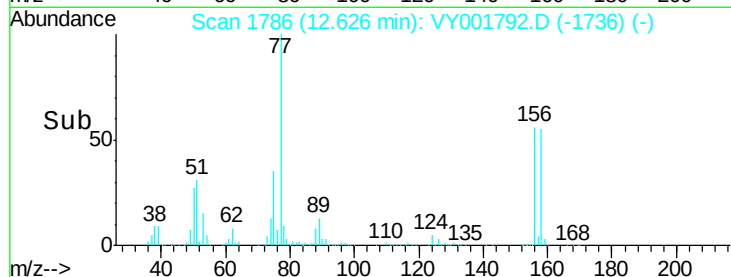
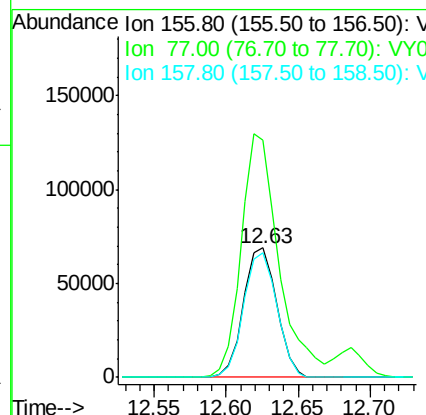
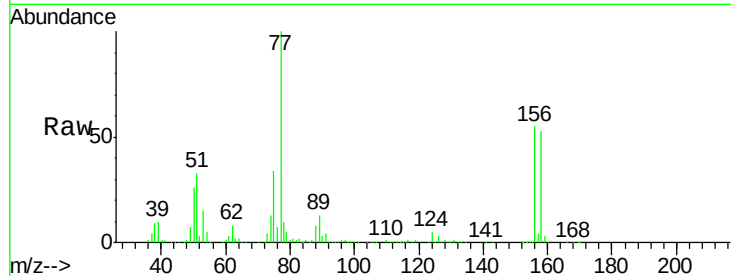




#77
Bromobenzene
Concen: 51.22 ug/l
RT: 12.63 min Scan# 1786
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

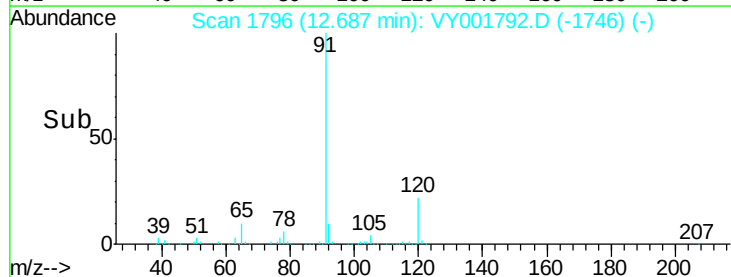
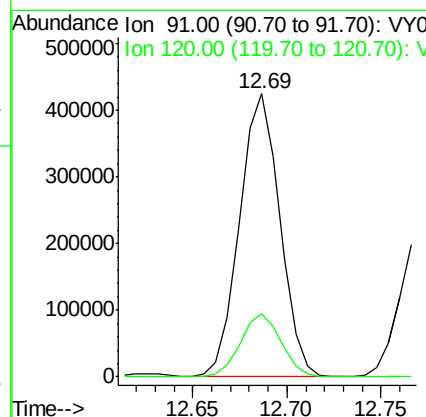
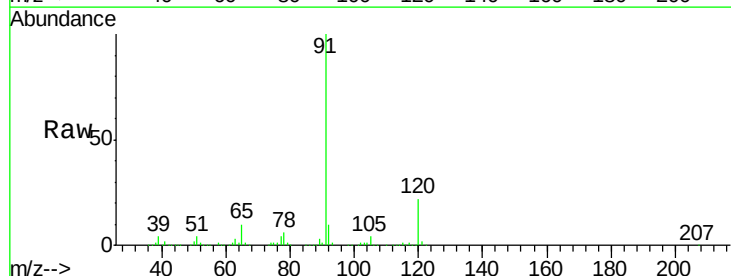
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

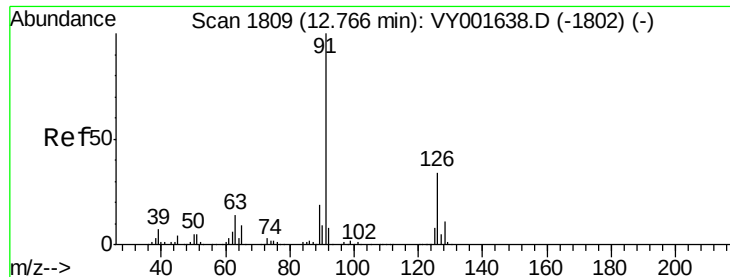
Tgt Ion:156 Resp: 110654
Ion Ratio Lower Upper
156 100
77 212.4 110.1 330.1
158 96.6 47.9 143.7



#78
n-propylbenzene
Concen: 51.91 ug/l
RT: 12.69 min Scan# 1796
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion: 91 Resp: 630095
Ion Ratio Lower Upper
91 100
120 22.3 11.1 33.1





#79

2-Chlorotoluene

Concen: 51.14 ug/l

RT: 12.77 min Scan# 1810

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Instrument :

MSVOA_Y

ClientSampleId :

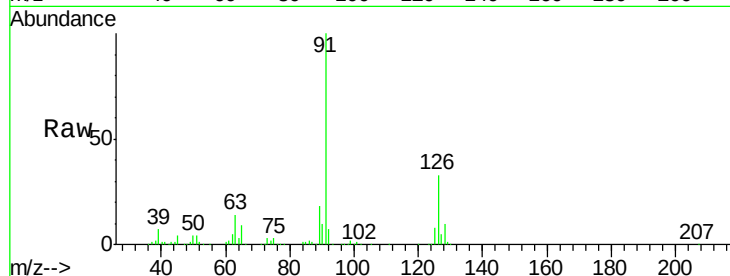
VSTDCCC050

Tgt Ion: 91 Resp: 348098

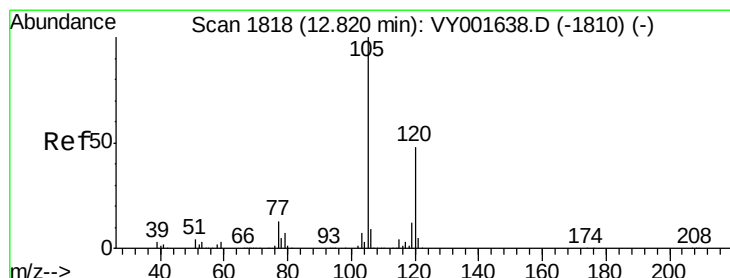
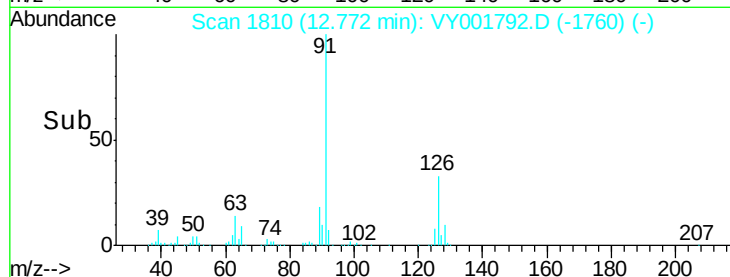
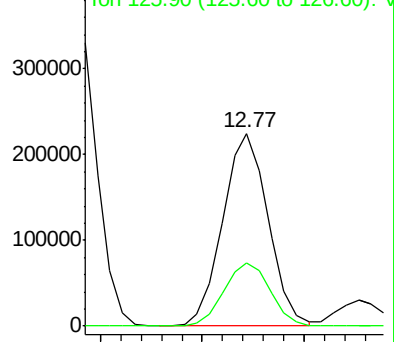
Ion Ratio Lower Upper

91 100

126 33.4 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VY001638.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.29 ug/l

RT: 12.83 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VY001792.D

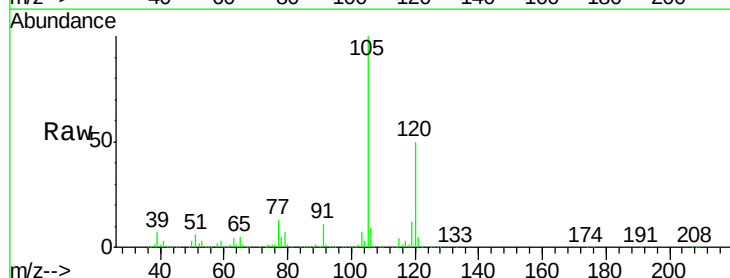
Acq: 28 Feb 2020 09:51

Tgt Ion: 105 Resp: 423144

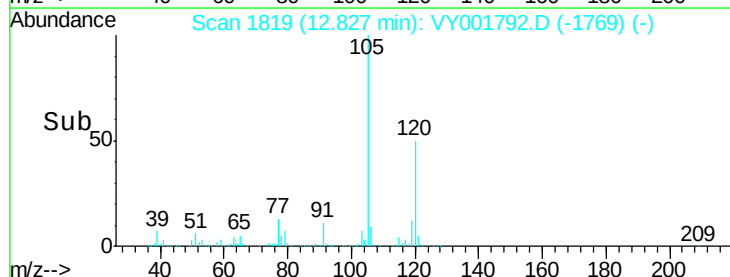
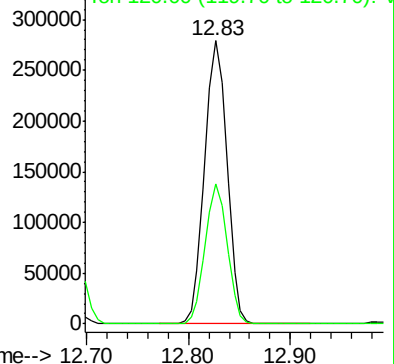
Ion Ratio Lower Upper

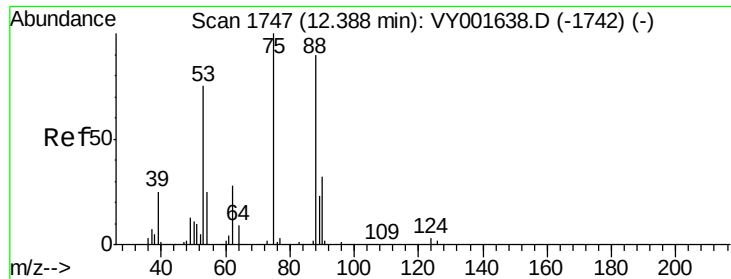
105 100

120 48.8 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VY001638.D (-1810) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 54.55 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

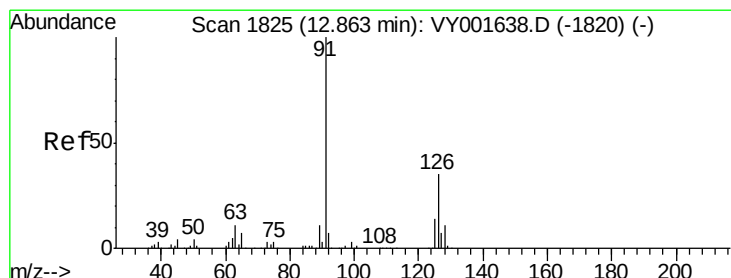
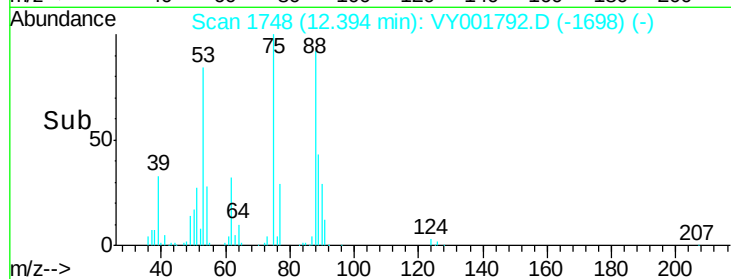
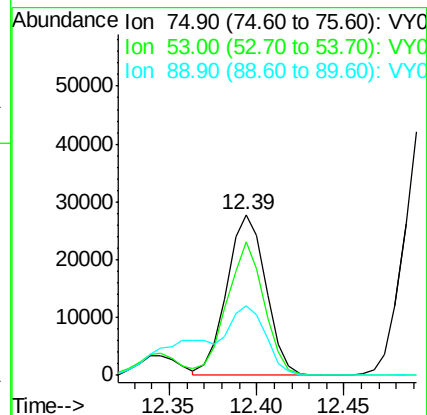
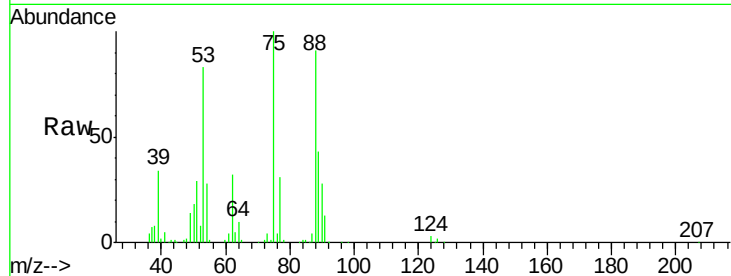
Tgt Ion: 75 Resp: 43149

Ion Ratio Lower Upper

75 100

53 79.1 64.5 96.7

89 41.6 36.3 54.5



#82

4-Chlorotoluene

Concen: 51.01 ug/l

RT: 12.87 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VY001792.D

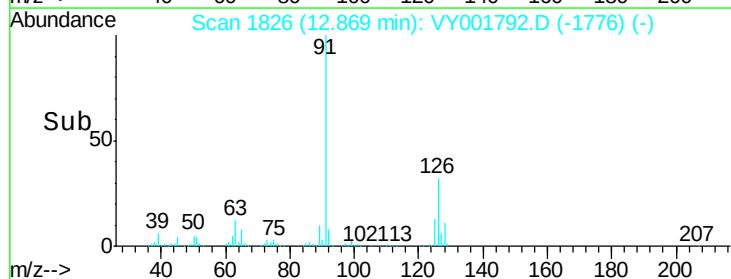
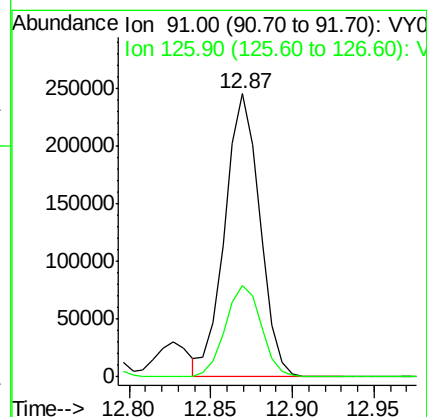
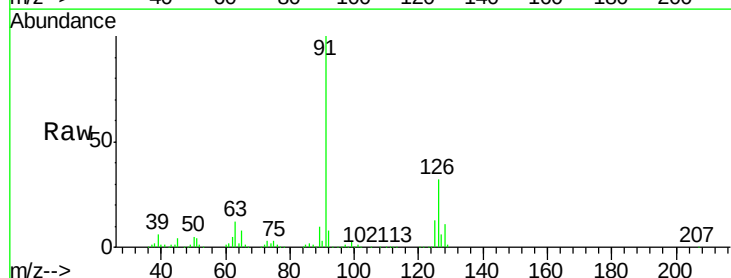
Acq: 28 Feb 2020 09:51

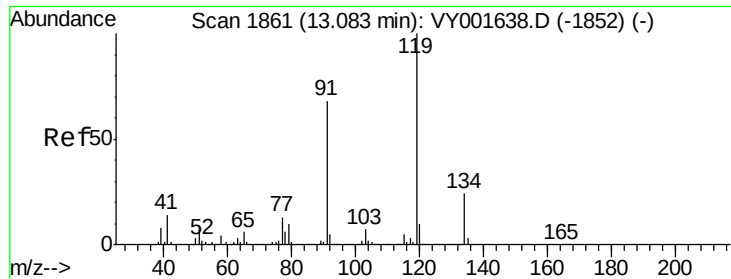
Tgt Ion: 91 Resp: 366259

Ion Ratio Lower Upper

91 100

126 33.2 16.2 48.6

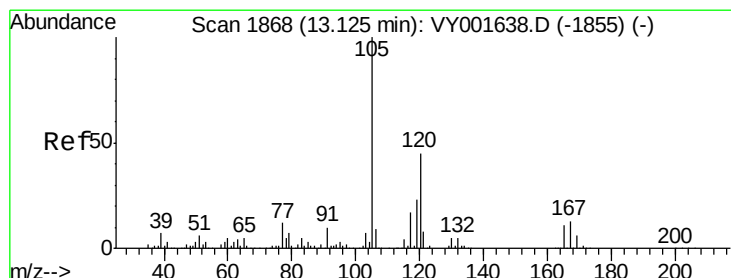
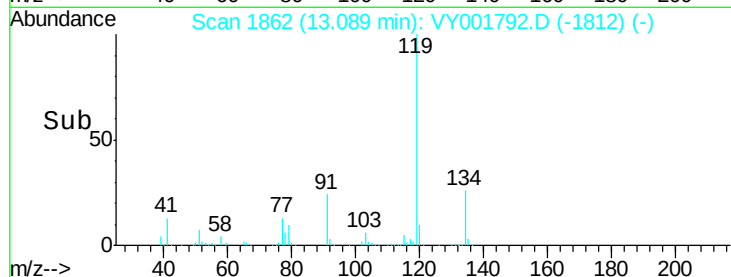
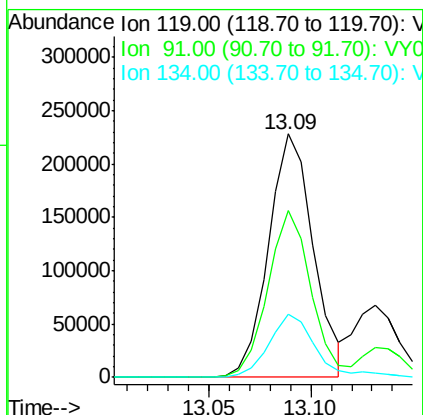
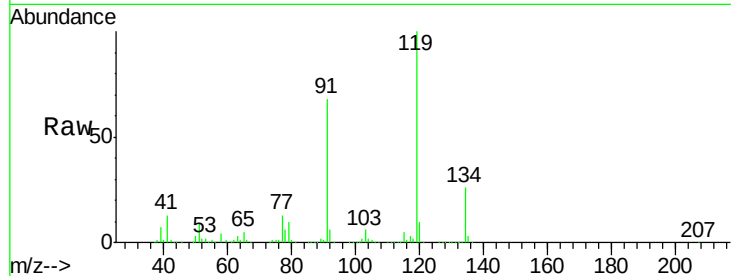




#83
 tert-Butylbenzene
 Concen: 50.65 ug/l
 RT: 13.09 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

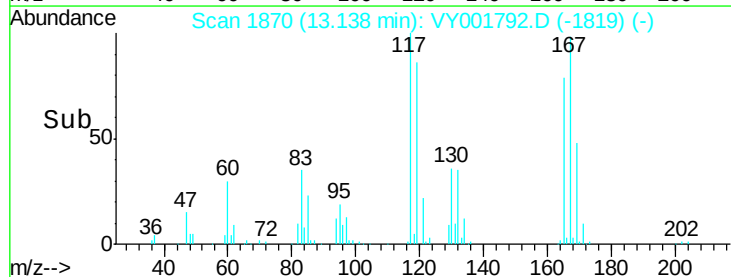
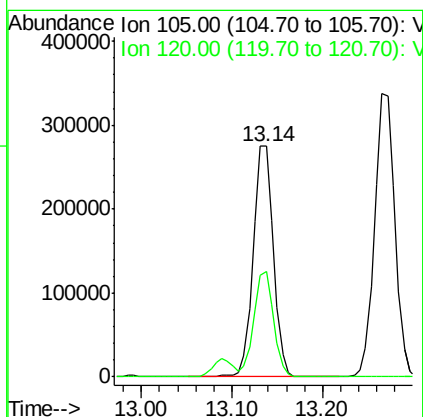
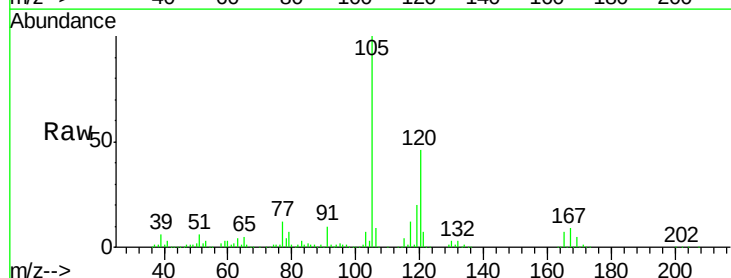
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

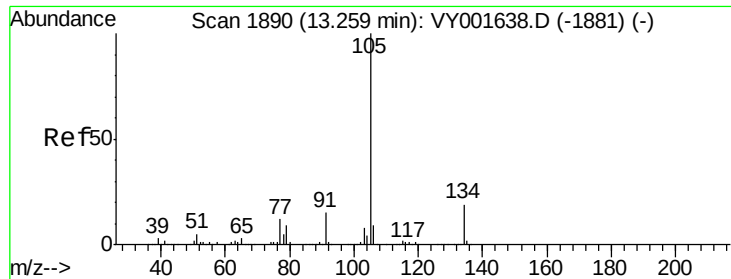
Tgt Ion:119 Resp: 349466
 Ion Ratio Lower Upper
 119 100
 91 66.5 33.5 100.5
 134 27.2 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 51.41 ug/l
 RT: 13.14 min Scan# 1870
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Tgt Ion:105 Resp: 422844
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.4 67.3





#85

sec-Butylbenzene

Concen: 51.26 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

Instrument :

MSVOA_Y

ClientSampleId :

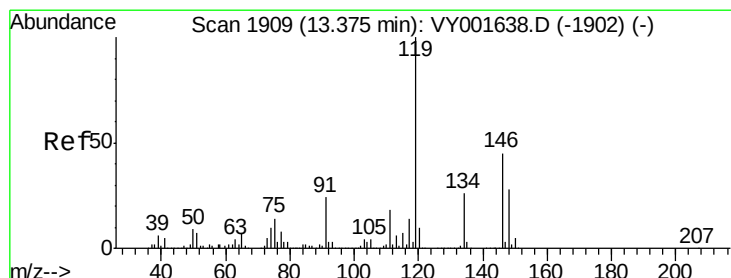
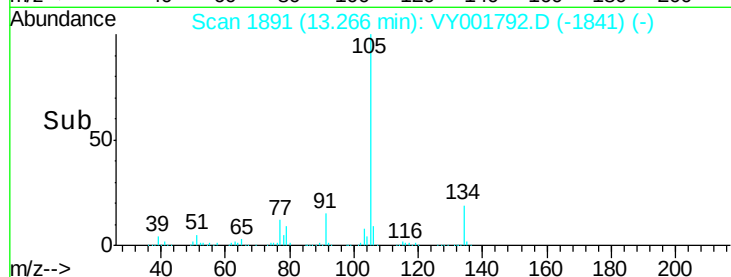
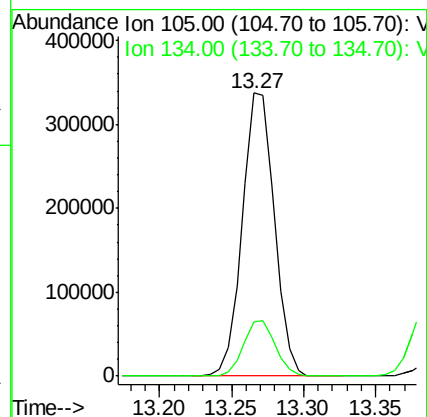
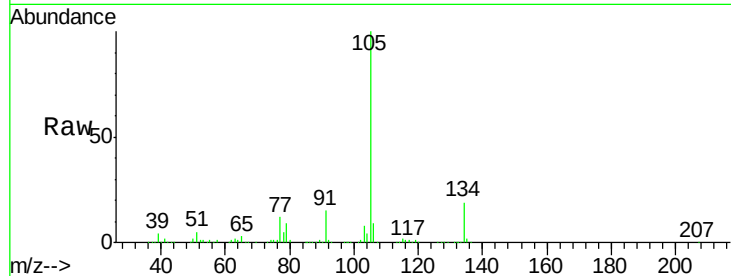
VSTDCCC050

Tgt Ion:105 Resp: 520158

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.3



#86

p-Isopropyltoluene

Concen: 50.79 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001792.D

Acq: 28 Feb 2020 09:51

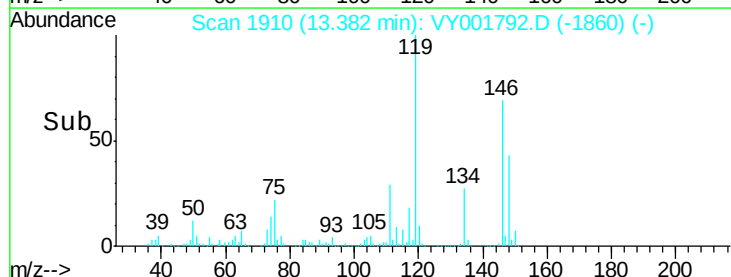
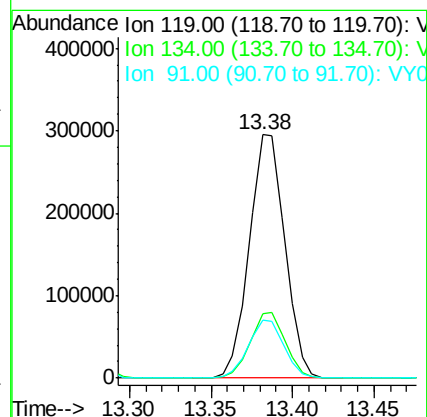
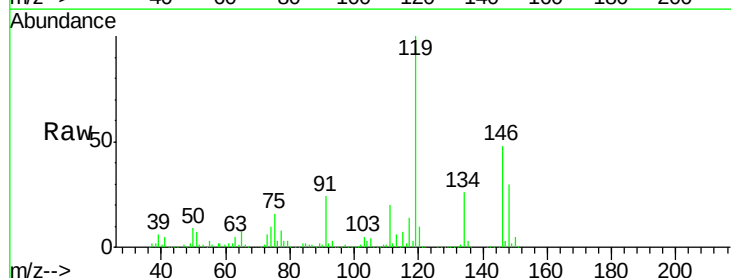
Tgt Ion:119 Resp: 447753

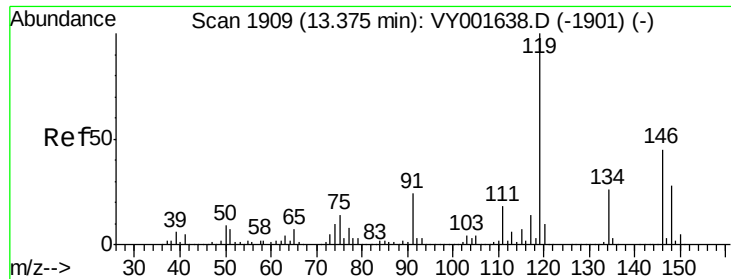
Ion Ratio Lower Upper

119 100

134 26.6 13.0 39.0

91 24.1 12.2 36.6

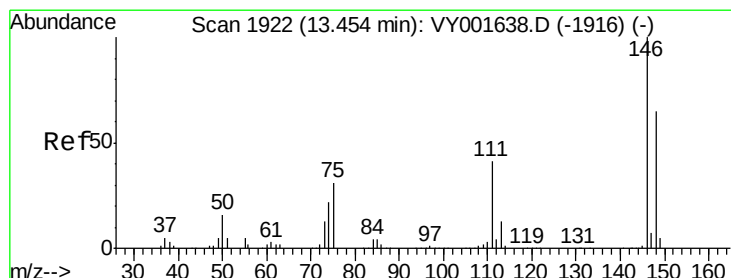
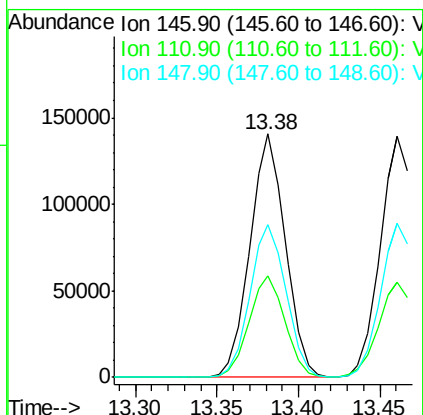
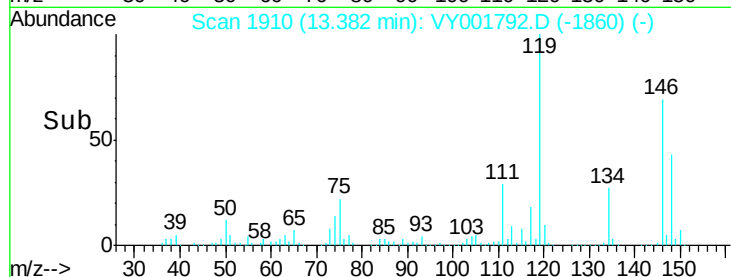
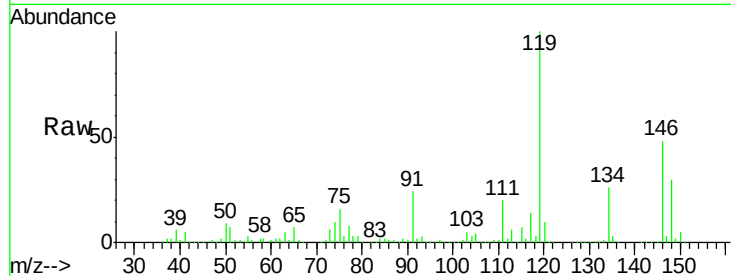




#87
 1,3-Dichlorobenzene
 Concen: 50.49 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

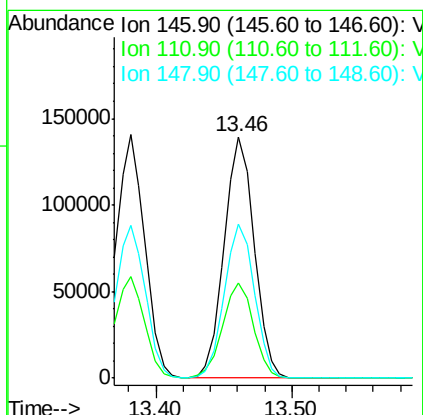
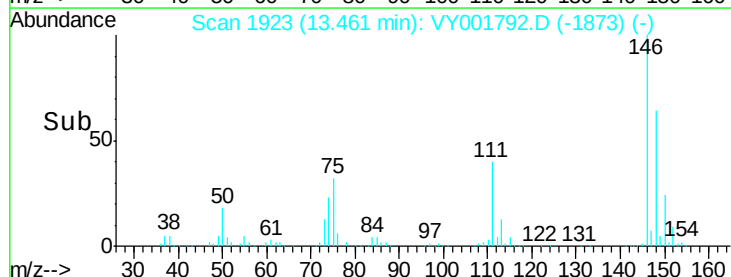
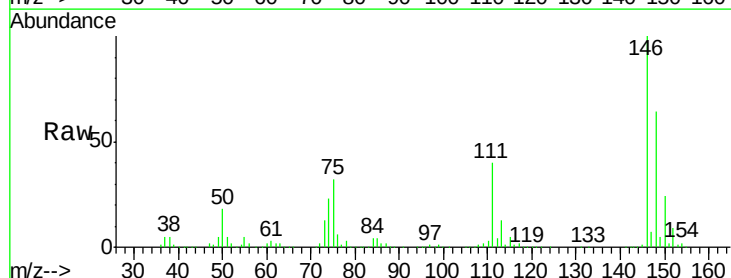
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

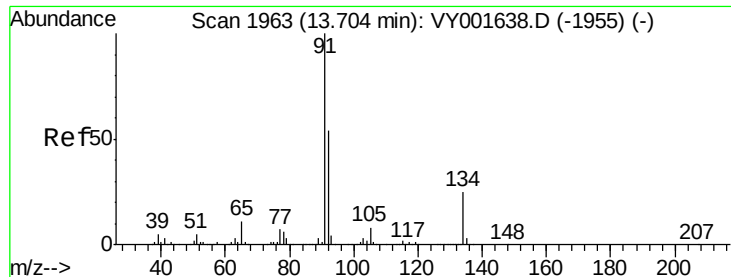
Tgt Ion:146 Resp: 211555
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.4 64.3
 148 64.1 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 50.56 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Tgt Ion:146 Resp: 214112
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.4 61.3
 148 64.0 31.6 94.7

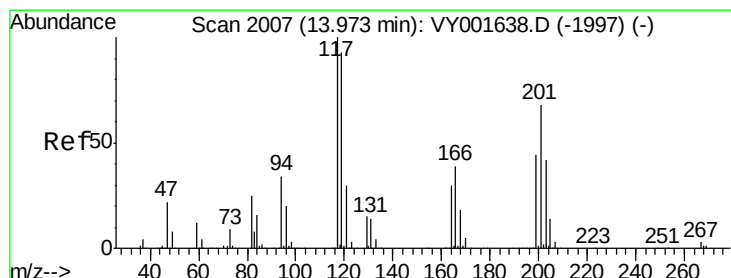
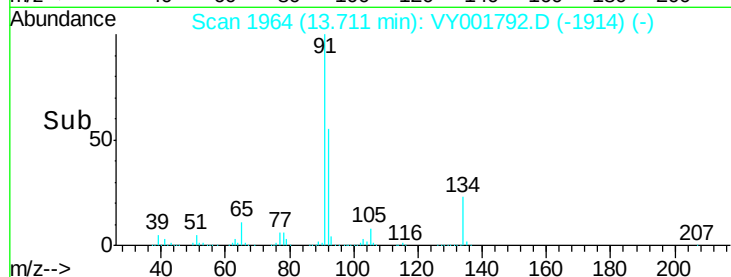
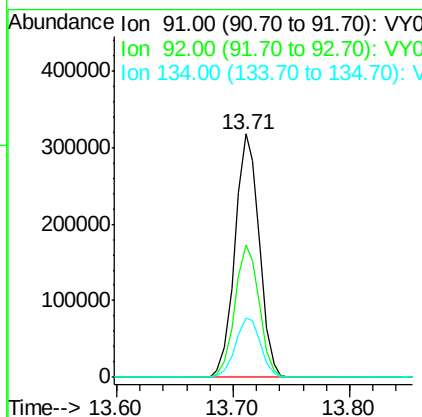
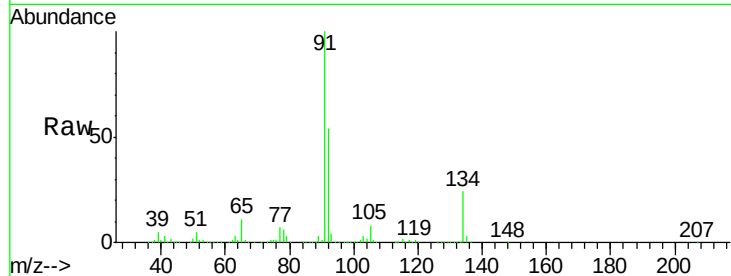




#89
n-Butylbenzene
Concen: 51.17 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

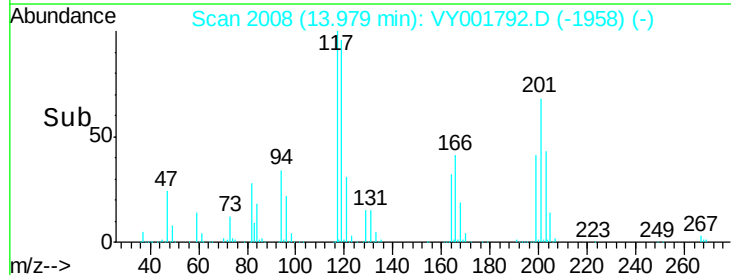
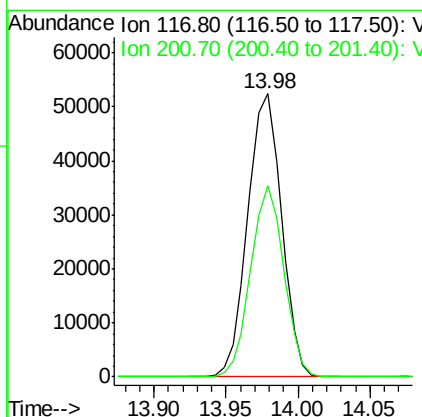
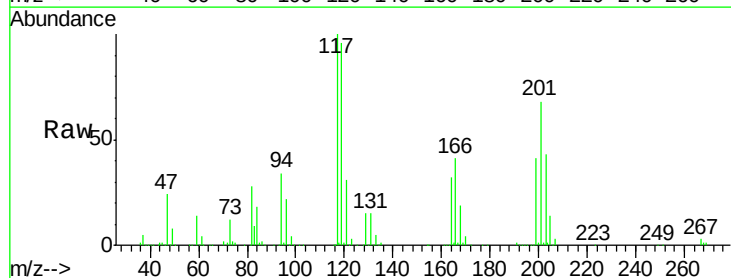
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

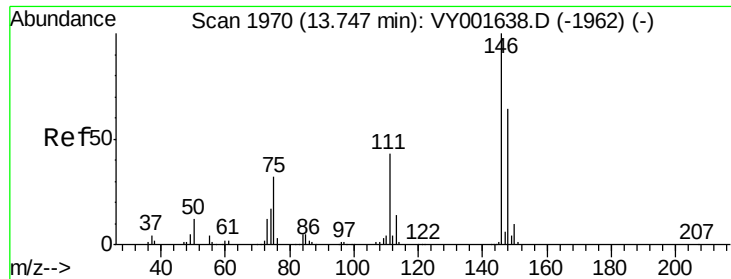
Tgt Ion: 91 Resp: 460874
Ion Ratio Lower Upper
91 100
92 54.5 27.5 82.4
134 25.0 12.4 37.4



#90
Hexachloroethane
Concen: 51.29 ug/l
RT: 13.98 min Scan# 2008
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion: 117 Resp: 85180
Ion Ratio Lower Upper
117 100
201 66.2 32.5 97.4

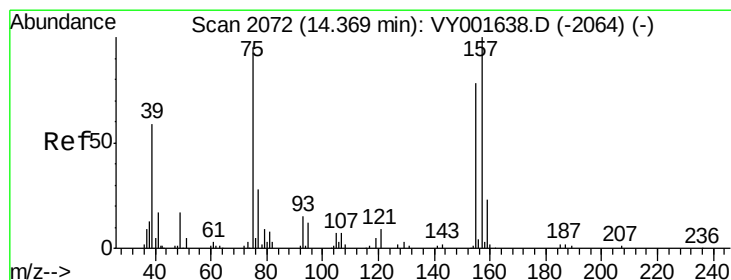
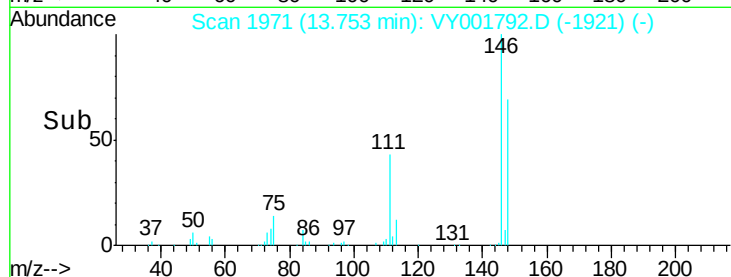
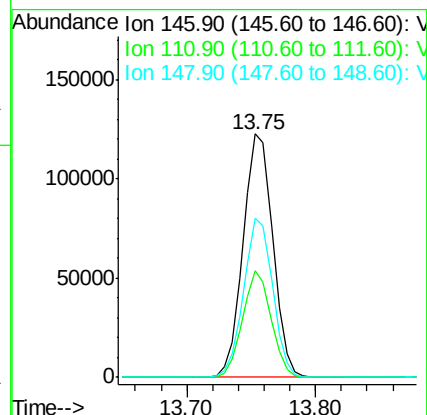
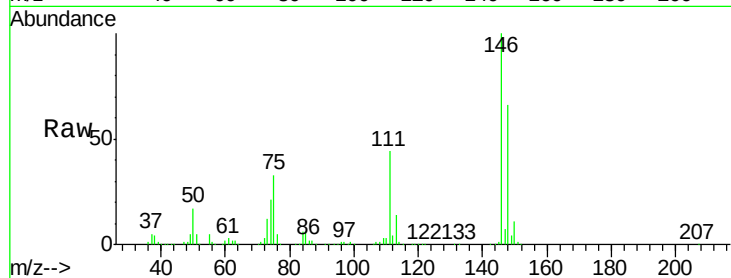




#91
 1,2-Dichlorobenzene
 Concen: 50.55 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

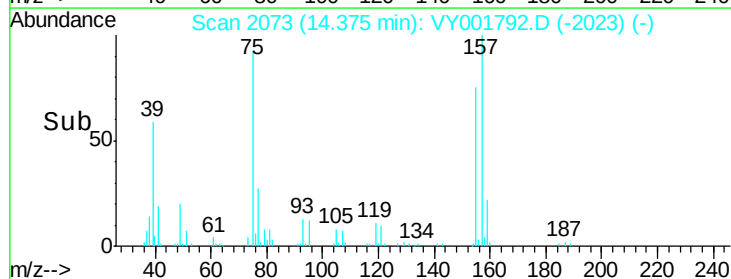
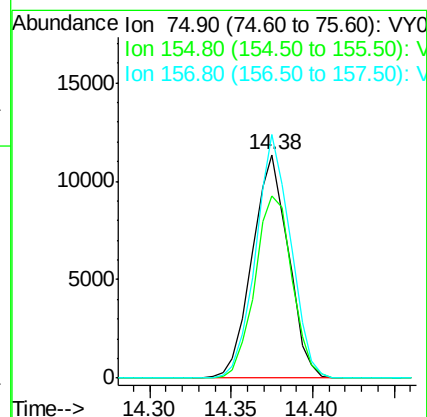
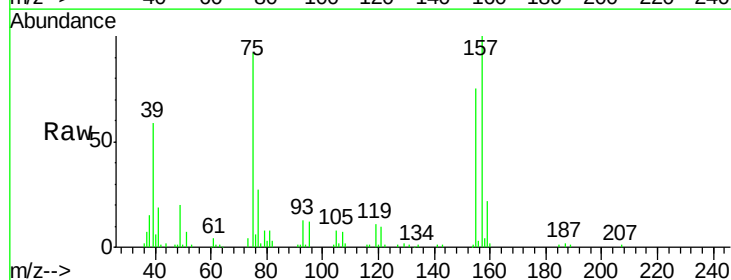
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

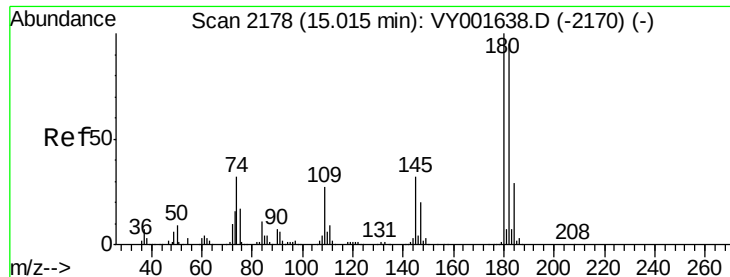
Tgt Ion: 146 Resp: 195441
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.9 65.7
 148 63.8 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.93 ug/l
 RT: 14.38 min Scan# 2073
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Tgt Ion: 75 Resp: 17535
 Ion Ratio Lower Upper
 75 100
 155 83.8 40.8 122.4
 157 105.1 52.1 156.4

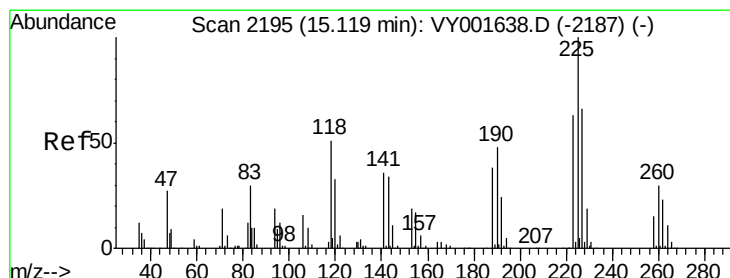
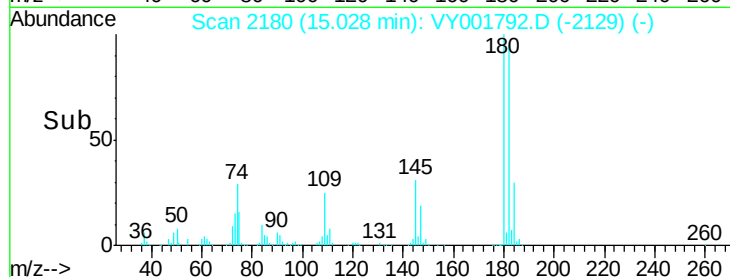
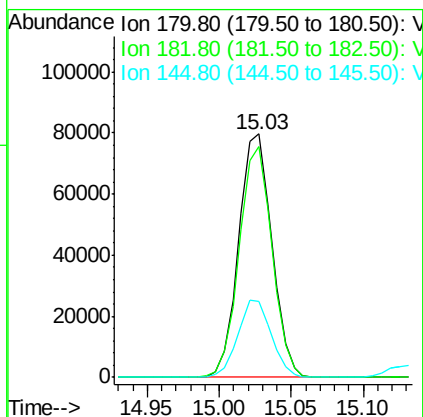
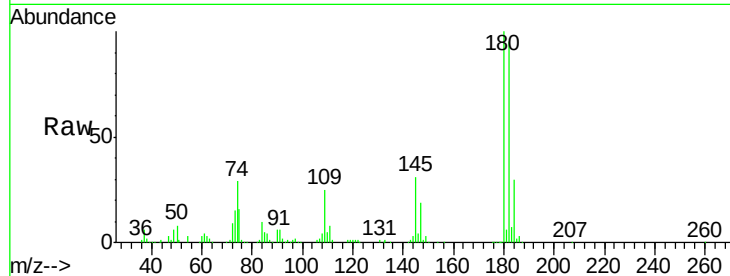




#93
 1,2,4-Trichlorobenzene
 Concen: 49.73 ug/l
 RT: 15.03 min Scan# 2180
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

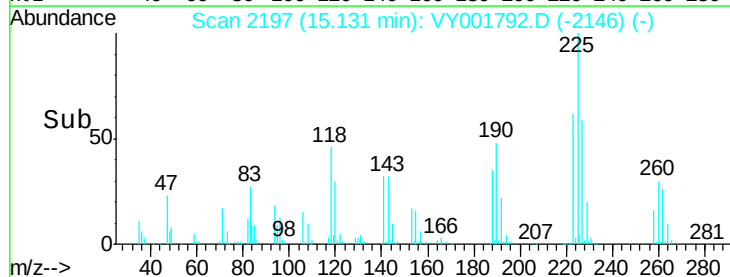
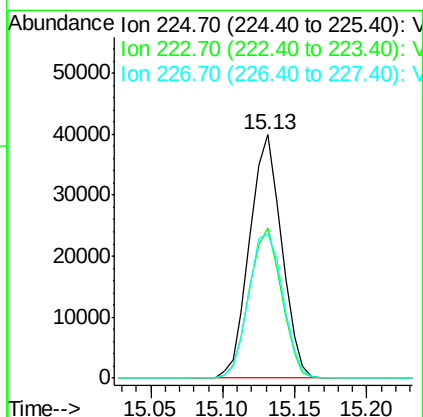
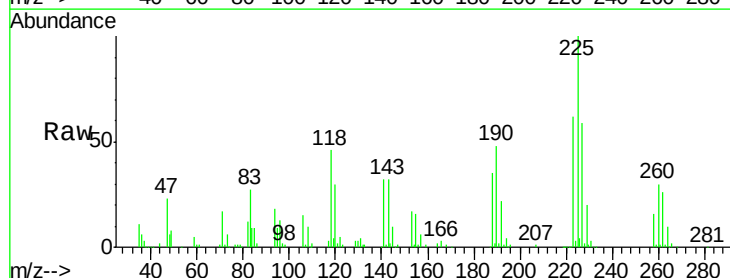
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

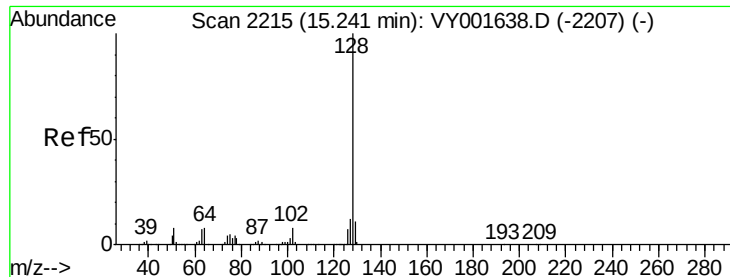
Tgt Ion:180 Resp: 127419
 Ion Ratio Lower Upper
 180 100
 182 93.9 46.8 140.3
 145 31.7 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 48.15 ug/l
 RT: 15.13 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: VY001792.D
 Acq: 28 Feb 2020 09:51

Tgt Ion:225 Resp: 61360
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.4 94.0
 227 63.7 31.6 94.8

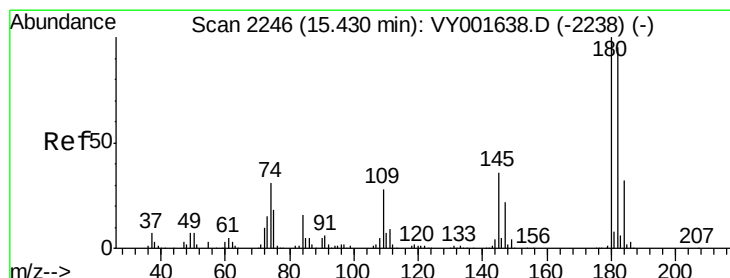
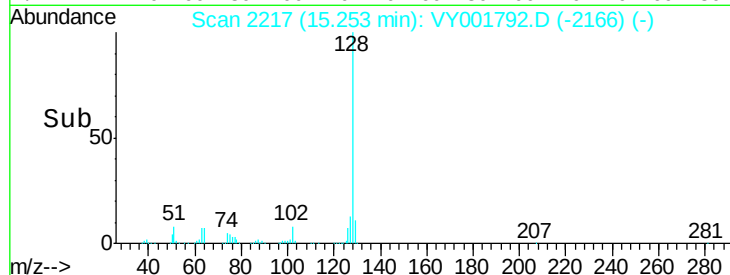
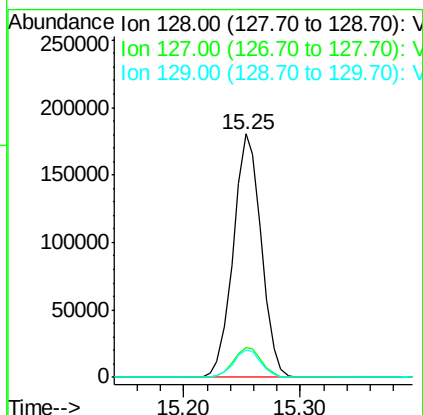
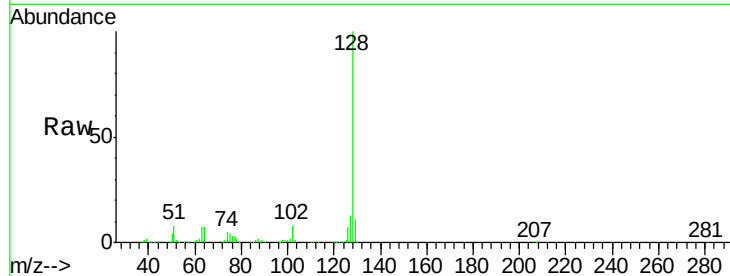




#95
Naphthalene
Concen: 51.00 ug/l
RT: 15.25 min Scan# 2217
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 301273
Ion Ratio Lower Upper
128 100
127 12.5 9.9 14.9
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.16 ug/l
RT: 15.44 min Scan# 2248
Delta R.T. 0.01 min
Lab File: VY001792.D
Acq: 28 Feb 2020 09:51

Tgt Ion:180 Resp: 110825
Ion Ratio Lower Upper
180 100
182 96.4 47.2 141.6
145 33.3 17.3 52.0

